

January 13, 2009

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0901120	01/12/2009	WAP011209

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Dilution Factor:

1

## **ANALYTICAL REPORT**

Client: Weston Solutions, Inc. - Illinois Work Order: 0901120 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP011209 Client Sample ID: APS-011209-47-SD/TS20262 Sampled: 01/12/09 16:45 Lab Sample ID: 0901120-01 Sampled By: **Kelly Jonas** Matrix: Sediment Received: 01/12/09 18:10 Unit: mg/kg dry Prepared: 01/13/09 By: BJH

QC Batch: 0900135 Analytical Batch: 9011343

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyzed:

By: ASC

01/13/09

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.57U	0.57	0.012
11104-28-2	PCB-1221	0.57U	0.57	0.019
11141-16-5	PCB-1232	0.57U	0.57	0.019
53469-21-9	PCB-1242	0.17J	0.57	0.0092
12672-29-6	PCB-1248	0.57U	0.57	0.025
11097-69-1	PCB-1254	0.56J	0.57	0.014
11096-82-5	PCB-1260	0.28J	0.57	0.0097

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	92	44-127
Tetrachloro-m-xylene	97	60-120



Client: Weston Solutions, Inc. - Illinois Work Order: 0901120 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP011209 01/12/09 16:45 Client Sample ID: APS-011209-47-SD/TS20262 Sampled: Lab Sample ID: 0901120-01 Sampled By: Kelly Jonas Received: 01/12/09 18:10 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor M	/lethod	Date Analyzed	Ву	QC Batch
Percent Solids	57	0.1	0.1	%	1 US	SEPA-3550B	01/13/09	KNC	0900237



## **QUALITY CONTROL REPORT**

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

QC Batch: 0900135 3550B Sonication Extraction/USEPA-8082

Method Blank				Analyzed:	01/13/2009	By: ASC
Unit: mg/kg wet				Analytical Batch:	9011343	
PCB-1016		0.33 U			0.3	3 0.0070
PCB-1221		0.33 U			0.3	0.011
PCB-1232		0.33 U			0.3	0.011
PCB-1242		0.33 U			0.3	0.0053
PCB-1248		0.33 U			0.3	0.014
PCB-1254		0.33 U			0.3	0.0078
PCB-1260		0.33 U			0.3	0.0056
Surrogates:						
Decachlorobiphenyl			100	44-127		
Tetrachloro-m-xylene			102	60-120		
Laboratory Control Sample				Analyzed:	01/13/2009	By: ASC
Unit: mg/kg wet				Analytical Batch:	9011343	
PCB-1254	0.167	0.179	108	73-125	0.3	3 0.0078
Surrogates:						
Decachlorobiphenyl			92	44-127		
Tetrachloro-m-xylene			102	60-120		



## **QUALITY CONTROL REPORT**

	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0	900237 (General Inorganic Prep)			Analyzed: 0	1/13/2009	By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0901120-01	[APS-011209-47-SD/TS20262]						
Duplicate	57	57	%	0.2	20	0.1	0.1



## STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

Sampled By (print)
Kelly Joral S
Sampler's Signature
Company One Laboratory Project No. Receipt Log No. VOA Rack/Tray Laboratories, Inc. Mestan solutions of Michigan 0 For Lab Use Only TriMatrix Laboratory Sample Number 10-Chilago IL 60606 Phone 312-424-3339 Fax 312-424-3330 Neston solutions Inc 20 N. Whicker Dr., Suite 1210 25405.012.002.0174,000 Client "APS-011209-47-50/TS20262 5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 How Shipped? (Hand) Carrier Tracking No. 1. Redispendent By Kelly Sales Dept. 1305 18:10 Sample ID www.trimatrixlabs.com Cooler ID 1 Allied Paper Contact/Report To Lisa Gracey K 412/09 1645 X Sample Sample Other (comments) Chain of Custody Record \*Kon 24-hr w>×c Matrix 402 8 Date PCB, Container Type (corresponds to Container Packing List) P H Time. Number of Containers Submitted Analyses Requested COC No. 04086 Total G MeOH

H Other (note below) Page 1 of 1 A NONE pH-7 B HNO, pH-2 A PRESERVATIVES E NaOH pH>12 D 1+1 HClpH<2 F ZnAc/NaOH pH>9 C H,SO, pH<2 Sample Comments

<b>▲</b> TriMatr	ix
Laboratories,	Inc.

## SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	Weston	new / add to R	0901120
Coolers Received	Receipt Record Page/Line No	Project Chemist Sample	e Nos.
Recorded by (initials/date)	☐ Cooler Qty Recei	ved IR Gun (#202)	
B0112.19	Box Other Sample /	/ Thermometer Used □ Digital Thermon □ Other (#	meter (#54) See Additional Cooler Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
☑ none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
☐ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers
blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ I container	1 container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
th location representative / in ice	th	fb .	tb
12.8 - 12.8	the location: representative / in ice	th location: representative / in ice	th location: representative / in ice
2	2	2	1 2
3	3	3	3
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC?	☐ Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
☐ VOC trip blank received?	□ VOC trip blank received?	☐ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete S	Sample Receiving Non-Conforman	ce Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	
	ustody Record(s)?	□ Average sample	PROPERTY OF A CONTRACT OF THE PROPERTY AND A CONTRACT OF THE P
_/	COC initiated by		ole Preservation Verification Form?
Shipping Do	b signed/date/time?	Samples preserve	
Ø Other	edibett:	If "No", added or Received pre-pre	range tag/ eserved VOC soils?
COC ID Nos			H D Na <sub>2</sub> SO <sub>4</sub>
P TriMatrix 04086		Check for Short Hold-Time Prep/	
		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No		☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
	natches COC?	☐ Yellow/White-tagged 1L Ambers (SV	Prep-Lab)
Sample date	and time matches COC?	Notes Ox/hr TAT	
Container ty	pe completed on COC?	St. 1111	
Sample Condition Summary	r types indicated are received?		
N/A Yes No	□ Non-TriMatrix containers, see Notes		
Broken conta			
	ncomplete labels?	☐ Trip blank received ☐ Trip b	lank not listed on COC
F-1/1-000 (100 A)	rmation on labels?	□ No COC received, Proj. Chemist revie	
Low volume		☐ No analysis requested, Proj. Chemist revisit	
	e containers received?		Delivered (Date/Time) ≤1 Hour Goal Met?
	TOX containers have headspace?		10 19. 17 (Yes 1) No
□ □ Extra sample	locations / containers not listed on COC?	1.10191811 1:12	19 18 TIES TINO



January 14, 2009

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0901133	01/13/2009	WAP011309

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0901133 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP011309 Client Sample ID: APS-011309-48-SD/TS20270 Sampled: 01/13/09 16:48 Lab Sample ID: 0901133-01 Sampled By: **Kelly Jonas** Matrix: Sediment Received: 01/13/09 18:10 Unit: mg/kg dry Prepared: 01/14/09 By: DCG

Dilution Factor: 1

QC Batch: 0901013 Analytical Batch: 9011444

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyzed:

By: ASC

01/14/09

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.57U	0.57	0.012
11104-28-2	PCB-1221	0.57U	0.57	0.019
11141-16-5	PCB-1232	0.57U	0.57	0.019
53469-21-9	PCB-1242	0.57U	0.57	0.0092
12672-29-6	PCB-1248	0.57U	0.57	0.024
11097-69-1	PCB-1254	0.19J	0.57	0.013
11096-82-5	PCB-1260	0.035J	0.57	0.0097

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	102	44-127
Tetrachloro-m-xylene	94	60-120



Client: Weston Solutions, Inc. - Illinois Work Order: 0901133 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP011309 01/13/09 16:48 Client Sample ID: APS-011309-48-SD/TS20270 Sampled: Lab Sample ID: 0901133-01 Sampled By: Kelly Jonas Received: 01/13/09 18:10 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	58	0.1	0.1	%	1	USEPA-3550B	01/14/09	KNC	0901026



## **QUALITY CONTROL REPORT**

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

QC Batch: 0901013 3550B Sonication Extraction/USEPA-8082

Method Blank				Analyzed:	01/14/2009	By: ASC
Unit: mg/kg wet				Analytical Batch:	9011444	
PCB-1016		0.33 U			0.3	33 0.0070
PCB-1221		0.33 U			0.3	33 0.011
PCB-1232		0.33 U			0.3	33 0.011
PCB-1242		0.33 U			0.3	33 0.0053
PCB-1248		0.33 U			0.3	33 0.014
PCB-1254		0.33 U			0.3	33 0.0078
PCB-1260		0.33 U			0.3	33 0.0056
Surrogates:						
Decachlorobiphenyl			99	44-127		
Tetrachloro-m-xylene			92	60-120		
Laboratory Control Sample				Analyzed:	01/14/2009	By: ASC
Unit: mg/kg wet				Analytical Batch:	9011444	
PCB-1254	0.167	0.185	111	73-125	0.3	33 0.0078
Surrogates:						
Decachlorobiphenyl			107	44-127		
Tetrachloro-m-xylene			97	60-120		



## **QUALITY CONTROL REPORT**

	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

1-						
Analyte: Percent S	olids/USEPA-3550B					
QC Batch: 0901026 (Gene	ral Inorganic Prep)			Analyzed: 01/14/2009	By: KNC	
Method Blank		0.1 U	%		0.1	0.1
0901133-01 [APS-01130	9-48-SD/TS20270]					
Duplicate	58	58	%	0.06 20	0.1	0.1



## STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

Phone 3/2-424-3330  Phone 3/2-424-3330  Contact/Report To  LSA GRACZ yk  Sample	Phone 3/2-424-3339	Phone 3/2-424-3/34    Contact/Report To   Lise 6/2027k    Fax 3/2-424-3/30    Cooler ID   Sample   Sample   C   R   Matrix   4/2   Matrix	Phone 312-424-3330  Tacking No.    Contact/Report To   Contact/Report To   U-Sa   C-racc y/k	
- 1/3/09 1648 X	13/09 1648 X	7/3/09 1648 X	7/3/04 1648 X  Comments	- 424 - 3339 - 424 - 3330 Sample ID
APS-01/3.09-48-5D/1220270 - 7/3/09 IV48 X Sa.	A95011309-48-5D/1320270 - 713/09 IV48 X Sa	A95011309-48-5D/1220270 - 713/09 IV48 X Sa	A95 0113 09 - 48 - 50 / T3202 70	ompie it.
			How Shipped? Hand Carrier Comments	1 APS-0113-09-48-50/1
			How Shipped? Hand Carrier Comments	
7 8		10	How Shipped? Hand Carrier Comments	. ,
4			How Shipped? Hand Carrier Comments Tracking No.	
			How Shipped? (Hand) Carrier Comments Tracking No.	4

(Jess)

	TriMatrix Laboratories, Inc.
Coolers	Received
Recorded b	y (initials/date)

## SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	CUESTON	new / add to	R-0901133
Coolers Received	Receipt Record Page/Line No. 15	-/3 Project Chemist Sample	Nos.
Recorded by (initials/date)	Cooler Qty R	eccived IR Gun (#202)	
DN 1-13-08	Box Other	/ Thermometer Used □ Digital Thermor □ Other (#	neter (#54) See Additional Cooler Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none none	□ none	none
present / intact	present / intact	□ present / intact	□ present / intact
☐ present / not intact  Coolant Location:	present / not intact	present / not intact	present / not intact
ALUENCA CONTROL OF THE PROPERTY OF THE PARTY	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom Coolant/Temperature Taken Via:	Dispersed / Top / Middle / Bott		Dispersed / Top / Middle / Bottom
loose ice / avg 2-3 containers	Coolant / Temperature Taken Via:  loose ice / avg 2-3 containe	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containe		loose ice / avg 2-3 containers
blue ice / avg 2-3 containers	blue ice / avg 2-3 container		bagged ice / avg 2-3 container
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	blue ice / avg 2-3 containers none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	☐ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual	°C Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
b location: representative / in ice	th least	tb	6
15.3 0 15.3	th location representative / in ice	th location: representative / in ice	th location: representative / in ice
	2	1	1
	3	3	1
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC? 45.3	Cooler ID on COC?	☐ Cooler ID on COC?	Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If any s	haded areas checked, complete	e Sample Receiving Non-Conformanc	e Form
Paperwork Received	□ No COC received	Check Sample Preservation	A STATE OF THE STA
N/A Yes No		N/A Yes No	
the state of the s	stody Record(s)?	Average sample to	
	COC initiated by signed/date/time?	Completed Sampl	e Preservation Verification Form?
Shipping Do		Samples preserved If "No", added on	2 (2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2 × 2
Other		If "No", added one Received pre-pres	
COC ID Nos. 040 94		□ MeOH	
		Check for Short Hold-Time Prep/A	A STATE OF THE STA
☐ TriMatrix		☐ Bacteriological	
Other (name or ID#)		Air Bags	AFTER HOURS ONLY:
Check COC for Accuracy	□ Na suelui · · · · · ·	□ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Yes No	<ul> <li>No analysis requested</li> </ul>	☐ Formaldehyde/Aldehyde ☐ Green-tagged Containers	NONE RECEIVED
Sample ID ma	atches COC?	☐ Yellow/White-tagged IL Ambers (SV	RECEIVED, COCs TO LAB(S)
The state of the s	and time matches COC?	Notes / //	Top Late)
	e completed on COC?	Notes 24/2R TOT	
	types indicated are received?		
ample Condition Summary N/A Yes No.	□ Non-TriMatrix containers, see Notes		
Broken contai			
	complete labels?	☐ Trip blank received ☐ Trip bla	onk not listed on COC
	mation on labels?	No COC received, Proj. Chemist review	nk not listed on COC wed (init /date)
Low volume r	received?	No analysis requested, Proj. Chemist co	
	containers received?		elivered (Date/Time) ≤1 Hour Goal Mer?
	OX containers have headspace?	11/15/19	/-/2/ Yes / No
Extra sample	locations / containers not listed on COC	1 1 1 1 1 2 - O X V N	1-5-07 165 1NO



April 07, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0804082 04/04/2008 WAP040408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Lebel bory

Enclosures(s)



0804082

WAP040408

Client: Weston Solutions, Inc. - Illinois Work Order:
Project: Allied Paper, Kalamazoo, 20405.016.002 Description:
Client Sample ID: APS-040408-14-SD/TS20000 Sampled:

04/04/08 10:50 0804082-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Received: Sediment 04/04/08 12:10 Prepared: Unit: mg/kg dry 04/04/08 By: KB9 Dilution Factor: Date Analyzed: 04/05/08 By: JMK

QC Batch: 0803693 Analytical Batch: 8040712

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
	DOD 4044				
12674-11-2	PCB-1016		0.57 U	0.57	0.0072
11104-28-2	PCB-1221		0.57 U	0.57	0.013
11141-16-5	PCB-1232		0.57 U	0.57	0.014
53469-21-9	PCB-1242		0.57 U	0.57	0.028
12672-29-6	PCB-1248		0.28 J	0.57	0.0091
11097-69-1	PCB-1254		0.32 J	0.57	0.0076
11096-82-5	PCB-1260		0.12J	0.57	0.027
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		69	36-136		
Tetrachloro-m-xylene		92	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0804082 Project: Description: WAP040408 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-040408-14-SD/TS20000 Sampled: 04/04/08 10:50 Lab Sample ID: 0804082-01 Sampled By: Michael Browning Matrix: Sediment Received: 04/04/08 12:10

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed <sup>l</sup>	Ву	QC Batch
Percent Solids	58	0.1	0.1	%	1	USEPA-3550B	04/07/08 KI	NC	0803757



## **QUALITY CONTROL REPORT**

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limi	ts RL	MDL
QC Batch: 0803693 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	04/05/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8040712	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				81	36-136			
Tetrachloro-m-xylene				102	46-120			
Laboratory Control Sample						Analyzed:	04/05/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8040712	
PCB-1242		0.333	0.280	84	73-118		0.33	0.016
Surrogates								
Decachlorobiphenyl				79	36-136			
Tetrachloro-m-xylene				102	46-120			



## **QUALITY CONTROL REPORT**

	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550	В		
QC Batch: 0803757	(General Inorganic Prep)		Analyzed: 04/07/20	08 By: KNC
Method Blank		0.1 U %		0.1
0804082-01 APS-04	40408-14-SD/TS20000			
Duplicate	58	58 %	0.7 20	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

## TriMatrix staboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

# Chain of Custody Record

COCNo. 121675

Cart Cart						Analys	Analyses Requested	Page 1 of 1
VOA Rack/Tray	Client Name U. S. EPA/Weston Solutions Inc	Project Name Allied Paper	Paper					A NONE pH~7  B HNO pH~7
Receipt Log No. 15.12	Address 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606		Client Project No./P.O. No.		5		1111	C H <sub>2</sub> SO <sub>4</sub> pH<2
Project Chemist		Invoice No.	□ Client	Client Other (comments)	РСВ			E NaOH pH>12  F ZnAc/NaOH pH>9
Laboratory Project No.	Phone Lisa Graczyk (312-424-3339)	0	ontact/Report To		Container T	vpe (correspond	Container Type (corresponds to Container Packing List)	G McOH
Test Matrix Laboratory Sample Group Code Number	Sample ID	Cooler ID Sample Date	le Sample Time	C G Matrix	Matrix [7]	Number of Cont	Number of Containers Submitted	Total Sample Comments
10-	1 APS-040408-14-50/KES 1520404	Weston 4/4/08	8 1050	X Syl.	< -			
	2							
	3 /				X.			
	4							
	5							
	6							
	7							
	∞							
	9							
	10							
Sampled By (print) Michael Browning Sampler's Signature Michael & Browning	How Shipped? (Hand) Carrier		Comments					
Company	Malad Brown 4/4/08	8 1210	2. Relinquished By	Ву	Date	Time	3. Relinquished By	De Time
	I. Received By Date	Time	2. Received By		Date	Time	Received for Lab By	1440) 120

	Receipt Record	. 10	new / add to  Project Chemist   Sample N			80H08	
Coolers Received	Accept Nectro	HE HE	> YL	M	Sample .	(	
Recorded by (initials/date)  WC H-H-08	Cooler Box Other	Qty Recei	Thermometer	Used Dig	Gun (#94) ital Thermom er (#	neter (#54)	See Addition Informatio
Cooler Nation Time 15	Cooler No.	Time	Cooler No.	Tin	ne	Cooler No.	Time
Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed Top / Middle / Bottom  Coolant/Temperature Taken Via; losse ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers  loue ice / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb)  1 container	Coolant Location Dispersed Coolant / Tempe loose i bagger blue ic none / Alternate Tempe	/Top / Middle / Bottom rature Taken Via: ce / avg 2-3 containers dice / avg 2-3 containers ee / avg 2-3 containers avg 2-3 containers rature Taken Via: rature blank (tb)	Coolant Loca Dispers Coolant / Ten loo bag blu nor Alternate Ten	ent / intact sent / not intact	Via: containers 3 containers ontainers ainers Via:	Coolant Locatii Disperse Coolant / Temp loose bagg blue none Alternate Temp	ent / intact ent / not intact on: d / Top / Midd perature Taken e ice / avg 2-3 c ged ice / avg 2-3 ice / avg 2-3 cont operature Taken perature blank (
Recorded °C Correction Factor °C Actual °C	Recorded °C	Correction Factor °C Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C
b location: sepresentative / in ice	1b		tb			fb	
b location: epresentative / in ice	th location: represent	anive / in ice	to location: repre	sentative / in ice		tb location: represe	manive / in see
	2		2			2	
	3		3		100	3	

See Additional Cooler

Information Form

Time

Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: □ loose ice / avg 2-3 containers □ bagged ice / avg 2-3 containers □ blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) □ 1 container

Actual °C

☐ Cooler ID on COC? □ VOC trip blank received?

II ally shaded areas checked, complete	Sample Receiving Non-Conformance Form
Paperwork Received  N/A  Yes  No  Chain of Custody Record(s)?  If No, COC initiated by  Rec'd for Lab signed/date/time?  Shipping Document?  Other  COC ID Nos.  TriMatrix  Other (name or ID#)	Check Sample Preservation  N/A Yes No  Average sample temperature ≤6° C?  Completed Sample Preservation Verification Form?  Samples preserved correctly?  If "No", added orange tag?  Received pre-preserved VOC soils?  MeOH Na₂SO₄  Check for Short Hold-Time Prep/Analyses  Bacteriological  Air Bags AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy  No  Sample ID matches COC?  Sample date and time matches COC?  Container type completed on COC?  All container types indicated are received?	☐ Formaldehyde/Aldehyde ☐ NONE RECEIVED ☐ RECEIVED, COCs TO LAB(S) ☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)  Notes
Sample Condition Summary  N/A  Yes  No  Broken containers/lids?  Missing or incomplete labels?  Allegible information on labels?  Low volume received?  Inappropriate containers received?  VOC vials have headspace?  Extra sample locations / containers not listed on COC?	□ Trip blank received □ Trip blank not listed on COC □ No COC received, Proj. Chemist reviewed (init./date) □ No analysis requested, Proj. Chemist completed (init./date)  Cooler Received (Date/Time) Paperwork Delivered (Date/Time) ≤I Hour Goal Met?  HHOR DHO HHOR ON Yes No



April 21, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210

Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0804170 04/08/2008 WAP040808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Lebel bory

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois 0804170 Work Order: Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808 Client Sample ID: APS-040808-15-SD Sampled: 04/08/08 11:02

Lab Sample ID: 0804170-01 Sampled By:

MTB

Matrix: Received: Sediment 04/08/08 16:00 Prepared: Unit: mg/kg dry 04/15/08 By: ASC Dilution Factor: 20 Date Analyzed: 04/19/08 By: JMK

QC Batch: 0803953 Analytical Batch: 8041910

## \*Extractable Petroleum Hydrocarbons by EPA Method 8015B

		Analytical		
CAS Number	Analyte	Result	RL	MDL
	DRO - 8015B (C10-C28)	1400	260	53
	Oil Range Organics (C28-C36)	2000	390	31

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-15-SD Sampled: 04/08/08 11:02

Lab Sample ID: **0804170-01** Sampled By: MTB

Matrix:SedimentReceived:04/08/08 16:00Unit:mg/kg dryPrepared:04/16/08 By: LEWDilution Factor:1Date Analyzed:04/17/08 By: LEW

QC Batch: 0804265 Analytical Batch: 8041712

## Volatile Petroleum Hydrocarbons by EPA Method 8015B

	Analytical								
CAS Number	Analyte	Result	RL	MDL					
	GRO - 8015B (C6-C10)	9.6 U	9.6	1.9					
Surrogates	% Recovery	Control Limits							
aaa-Trifluorotoluene	86	<i>76-113</i>							



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-15-SD Sampled: 04/08/08 11:02

Lab Sample ID: **0804170-01** Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00

Analyte	Analytical Result	RL	MDL Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
HEM: Oil & Grease	2000	770	770 mg/kg dry	1	USEPA-9071B	04/17/08 CLB	0804116
Percent Solids	52	0.10	0.10 %	1	USEPA-3550B	04/16/08 KNC	0804214



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-16-SD Sampled: 04/08/08 11:17

Lab Sample ID: **0804170-02** Sampled By: MTB

Matrix:SedimentReceived:04/08/08 16:00Unit:mg/kg dryPrepared:04/15/08 By: ASCDilution Factor:20Date Analyzed:04/19/08 By: JMK

QC Batch: 0803953 Analytical Batch: 8041910

## \*Extractable Petroleum Hydrocarbons by EPA Method 8015B

		Analytical		
CAS Number	Analyte	Result	RL	MDL
	DRO - 8015B (C10-C28)	1100	240	49
	Oil Range Organics (C28-C36)	1500	360	29

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808 Client Sample ID: APS-040808-16-SD Sampled: 04/08/08 11:17

Lab Sample ID: 0804170-02 Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00 Unit: mg/kg dry Prepared: 04/16/08 By: LEW Dilution Factor: Date Analyzed: 04/17/08 By: LEW

QC Batch: 0804265 Analytical Batch: 8041712

## Volatile Petroleum Hydrocarbons by EPA Method 8015B

	Analytical Analytical								
CAS Number	Analyte	Result	RL	MDL					
	GRO - 8015B (C6-C10)	10 U	10	2.0					
Surrogates	% Recovery	Control Limits							
aaa-Trifluorotoluene	82	<i>76-113</i>							



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-16-SD Sampled: 04/08/08 11:17

Lab Sample ID: **0804170-02** Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00

Analyte	Analytical Result	RL	MDL Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
HEM: Oil & Grease	710 U	710	710 mg/kg dry	1	USEPA-9071B	04/17/08 CLB	0804116
Percent Solids	56	0.10	0.10 %	1	USEPA-3550B	04/16/08 KNC	0804214



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-17-SD Sampled: 04/08/08 11:35

Lab Sample ID: **0804170-03** Sampled By: MTB

 Matrix:
 Sediment
 Received:
 04/08/08 16:00

 Unit:
 mg/kg dry
 Prepared:
 04/15/08 By: ASC

 Dilution Factor:
 20
 Date Analyzed:
 04/19/08 By: JMK

QC Batch: 0803953 Analytical Batch: 8041910

## \*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analytical				
	Analyte	Result	RL	MDL	
	DRO - 8015B (C10-C28)	1400	290	60	
	Oil Range Organics (C28-C36)	1800	430	35	

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808 Client Sample ID: APS-040808-17-SD Sampled: 04/08/08 11:35

Lab Sample ID: 0804170-03 Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00 Unit: mg/kg dry Prepared: 04/16/08 By: LEW Dilution Factor: Date Analyzed: 04/17/08 By: LEW

QC Batch: 0804265 Analytical Batch: 8041712

## Volatile Petroleum Hydrocarbons by EPA Method 8015B

	Analytical Analytical					
CAS Number	Analyte	Result	RL	MDL		
	GRO - 8015B (C6-C10)	13 U	13	2.5		
Surrogates	% Recovery	Control Limits				
aaa-Trifluorotoluene	84	<i>76-113</i>				



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-17-SD Sampled: 04/08/08 11:35

Lab Sample ID: **0804170-03** Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00

Analyte	Analytical Result	RL	MDL Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
HEM: Oil & Grease	1600	860	860 mg/kg dry	1	USEPA-9071B	04/17/08 CLB	0804116
Percent Solids	46	0.10	0.10 %	1	USEPA-3550B	04/16/08 KNC	0804214



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-18-SD Sampled: 04/08/08 11:49

Lab Sample ID: **0804170-04** Sampled By: MTB

 Matrix:
 Sediment
 Received:
 04/08/08 16:00

 Unit:
 mg/kg dry
 Prepared:
 04/15/08 By: ASC

 Dilution Factor:
 20
 Date Analyzed:
 04/19/08 By: JMK

QC Batch: 0803953 Analytical Batch: 8041910

## \*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analytical				
	Analyte	Result	RL	MDL	
	DRO - 8015B (C10-C28)	2100	290	60	
	Oil Range Organics (C28-C36)	2700	430	35	

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-18-SD Sampled: 04/08/08 11:49

Lab Sample ID: **0804170-04** Sampled By: MTB

Matrix:SedimentReceived:04/08/08 16:00Unit:mg/kg dryPrepared:04/16/08 By: LEWDilution Factor:1Date Analyzed:04/17/08 By: LEW

QC Batch: 0804265 Analytical Batch: 8041712

## Volatile Petroleum Hydrocarbons by EPA Method 8015B

	Analytical					
CAS Number	Analyte	Result	RL	MDL		
	GRO - 8015B (C6-C10)	2.7 J	12	2.4		
Surrogates	% Recovery	Control Limits				
aaa-Trifluorotoluene	86	<i>76-113</i>				



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-18-SD Sampled: 04/08/08 11:49

Lab Sample ID: **0804170-04** Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00

Analyte	Analytical Result	RL	MDL Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
HEM: Oil & Grease	1700	870	870 mg/kg dry	1	USEPA-9071B	04/17/08 CLB	0804116
Percent Solids	46	0.10	0.10 %	1	USEPA-3550B	04/16/08 KNC	0804214



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-19-SD Sampled: 04/08/08 12:02

Lab Sample ID: **0804170-05** Sampled By: MTB

Matrix:SedimentReceived:04/08/08 16:00Unit:mg/kg dryPrepared:04/15/08 By: ASCDilution Factor:20Date Analyzed:04/19/08 By: JMK

QC Batch: 0803953 Analytical Batch: 8041910

# \*Extractable Petroleum Hydrocarbons by EPA Method 8015B

		Analytical		
CAS Number	Analyte	Result	RL	MDL
	DRO - 8015B (C10-C28)	1700	270	56
	Oil Range Organics (C28-C36)	2200	410	33

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808 Client Sample ID: APS-040808-19-SD Sampled: 04/08/08 12:02

Lab Sample ID: 0804170-05 Sampled By: MTB

Matrix: Sediment Received:

04/08/08 16:00 Unit: mg/kg dry Prepared: 04/16/08 By: LEW Dilution Factor: Date Analyzed: 04/17/08 By: LEW

QC Batch: 0804265 Analytical Batch: 8041712

# Volatile Petroleum Hydrocarbons by EPA Method 8015B

		Analytical		
CAS Number	Analyte	Result	RL	MDL
	GRO - 8015B (C6-C10)	11 U	11	2.2
Surrogates	% Recovery	Control Limits		
aaa-Trifluorotoluene	80	<i>76-113</i>		



Client: Weston Solutions, Inc. - Illinois Work Order: 0804170

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP040808

Client Sample ID: APS-040808-19-SD Sampled: 04/08/08 12:02

Lab Sample ID: **0804170-05** Sampled By: MTB

Matrix: Sediment Received: 04/08/08 16:00

Analyte	Analytical Result	RL	MDL Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
HEM: Oil & Grease	1100	820	820 mg/kg dry	1	USEPA-9071B	04/17/08 CLB	0804116
Percent Solids	49	0.10	0.10 %	1	USEPA-3550B	04/16/08 KNC	0804214



# **Extractable Petroleum Hydrocarbons by EPA Method 8015B**

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		RPD imits	RL	MDL
QC Batch: 0803953 3550B Sonication	n Extraction/	USEPA-80	D15B						
<b>Method Blank</b> Unit: mg/kg wet						Analyzed: Analytical Batch	04/19/2 n: 8041910		By: JMK
DRO - 8015B (C10-C28) Oil Range Organics (C28-C36)			<b>2.67 J</b> 10 U					6.7 10	1.4 0.80
Surrogates o-Terphenyl				71	44-137				
Laboratory Control Sample Unit: mg/kg wet						Analyzed: Analytical Batch	04/19/2 n: 8041910		By: JMK
DRO - 8015B (C10-C28) Oil Range Organics (C28-C36)		33.3	6.7U <b>24.2</b>	73	44-135 50-150			6.7 10	1.4 0.80
Surrogates o-Terphenyl				68	44-137				
Laboratory Control Sample Unit: mg/kg wet						Analyzed: Analytical Batch	04/19/2 n: 8041910		By: JMK
DRO - 8015B (C10-C28) Oil Range Organics (C28-C36)		33.3	<b>28.9</b> 10 U	87	44-135 50-150			6.7 10	1.4 0.80
Surrogates o-Terphenyl				85	44-137				



# Volatile Petroleum Hydrocarbons by EPA Method 8015B

Amelyte	Sample Conc.	Spike	Dogult	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	KL	MDL
QC Batch: 0804265 5030B Aqueous	Purge & Tra	p/USEPA-	8015B						
Method Blank						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg wet						Analytical E	Batch:	8041712	
GRO - 8015B (C6-C10)			5.0 U					5.0	1.0
Method Blank						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical E	Batch:	8041712	
Surrogates									
aaa-Trifluorotoluene				88	76-113				
Laboratory Control Sample						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg wet						Analytical E	Batch:	8041712	
GRO - 8015B (C6-C10)		20.0	21.0	105	72-118			5.0	1.0
Laboratory Control Sample						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical E	Batch:	8041712	
Surrogates									
aaa-Trifluorotoluene				89	76-113				
<b>Matrix Spike 0804170-05</b> APS-040	808-19-SD					Analyzed:		04/17/2008	By: LEW
Unit: mg/kg dry						Analytical E	Batch:	8041712	
GRO - 8015B (C6-C10)	11 U	43.5	51.7	119	30-168			11	2.2
<b>Matrix Spike 0804170-05</b> APS-040	808-19-SD					Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical E	Batch:	8041712	
Surrogates									
aaa-Trifluorotoluene				91	76-113				
Matrix Spike Duplicate 0804170-0	<b>05</b> APS-04080	)8-19-SD				Analyzed:		04/17/2008	By: LEW
Unit: mg/kg dry						Analytical E	Batch:	8041712	
GRO - 8015B (C6-C10)	11 U	43.5	54.6	126	30-168	5	20	11	2.2
Matrix Spike Duplicate 0804170-0	<b>05</b> APS-04080	)8-19-SD				Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical E	Batch:	8041712	
Surrogates									
aaa-Trifluorotoluene				92	76-113				



QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: HE	M: Oil & Grease/USI	EPA-9071	В							
QC Batch: 0804116 (Method-	-Specific Preparation)						Analyze	d: 04/17/200	08 By: CLB	
Method Blank			400 U	mg/kg wet					400	400
Laboratory Control Sample		4000	3660	mg/kg wet	92	76-120			400	400
0804170-05 APS-040808-19	9-SD									
Matrix Spike	1080	7890	9540	mg/kg dry	107	79-114			820	820
Duplicate	1080		958	mg/kg dry			12	18	820	820
Analyte: Per	rcent Solids/USEPA-	3550B								
QC Batch: 0804214 (General	Inorganic Prep)						Analyze	d: 04/16/200	8 By: KNC	_
Method Blank	·		0.1 U	%					0.1	0.1
0804170-05 APS-040808-19	9-SD									
Duplicate	49		48	%			2	20	0.1	0.1



# STATEMENT OF DATA QUALIFICATIONS

# Extractable Petroleum Hydrocarbons by EPA Method 8015B

**Qualification:** Matrix QC results are not available due to sample dilution.

Analysis: USEPA-8015B

Sample/Analyte: 0804170-05 APS-040808-19-SD

**Qualification:** Surrogate results are unavailable due to positive results in the sample, resulting in a dilution.

Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8015B

Sample/Analyte: 0804170-01 APS-040808-15-SD

0804170-02 APS-040808-16-SD 0804170-03 APS-040808-17-SD 0804170-04 APS-040808-18-SD 0804170-05 APS-040808-19-SD

# TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record

COCNo. 121674

TriMatrix Laboratories, Inc.	Client D.S EPalo	DESTON NEW   add to UK	Submittal No.
Coolers Received	Receipt Record Page/Line No.	Project Chemist   Sample	01-05
Recorded by (initials/date)	Cooler Qty Receiv	ed IR Gun (#94)	See Additional Cooler
DN 4-8-08	□ Box □ Other	Thermometer Used Digital Thermon	leter (#54) Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Pemperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 container
blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
l container Correction	□ 1 container	□ 1 container	1 container
Recorded °C Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
	tb	tb	tb
b location: representative / in ice	tb location: representative / in ice	th location: representative / in ice	to location: representative / in see
6.0 0 6.0		1	1
6.1 0 6.1	3	1	2
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC?	Cooler ID on COC?	□ Cooler ID on COC?	☐ Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	☐ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete S	Sample Receiving Non-Conformance	e Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	
	ustody Record(s)?	Average sample	emperature ≤6° C?
	COC initiated by	Completed Samp	le Preservation Verification Form?
	b signed/date/time?	Samples preserve	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT
Shipping Do	Additional Communication of the Communication of th	If "No", added or Received pre-pre	ange tag? served VOC soils?
COC ID Nos. 13117		MeOH	
1 1216/4		Check for Short Hold-Time Prep/	Action of the Control
TriMatrix	(11 17 F) : 영화(4c - 10 18	□ Bacteriological	
		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		EnCeres / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No		☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
Sample ID r	natches COC?	☐ Yellow/White-tagged 1L Ambers (SV)	Prep-Lab)
Sample date	and time matches COC?	Notes	

N/A

Sample Condition Summary

O

0

All container types indicated are received?

Broken containers/lids? Missing or incomplete labels?

Low volume received?

□ VOC vials have headspace?

Illegible information on labels?

Inappropriate containers received?

□ Extra sample locations / containers not listed on COC?

□ Non-TriMatrix

containers, see Notes

Trip blank received

□ No COC received, Proj. Chemist reviewed (init./date)

No analysis requested, Proj. Chemist completed (init./date)

☐ Trip blank not listed on COC

≤1 Hour Goal Met?



April 30, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0804555 04/28/2008 WAP042808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Lebel bory

Enclosures(s)



0804555

WAP042808

Client: Weston Solutions, Inc. - Illinois Work Order:
Project: Allied Paper, Kalamazoo, 20405.016.002 Description:
Client Sample ID: APS-042808-20-SD/TS20017 Sampled:

04/28/08 16:06 Lab Sample ID: 0804555-01 Sampled By: Michael Browning Matrix: Received: Sediment 04/28/08 17:15 Prepared: Unit: mg/kg dry 04/29/08 By: ASC Dilution Factor: Date Analyzed: 04/30/08 By: JMK

QC Batch: 0804819 Analytical Batch: 8043016

# \*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.77 U	0.77	0.0099
11104-28-2	PCB-1221		0.77 U	0.77	0.017
11141-16-5	PCB-1232		0.77 U	0.77	0.020
53469-21-9	PCB-1242		0.77 U	0.77	0.038
12672-29-6	PCB-1248		0.29 J	0.77	0.012
11097-69-1	PCB-1254		0.18J	0.77	0.010
11096-82-5	PCB-1260		0.063J	0.77	0.037
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		86	36-136		
Tetrachloro-m-xylene		90	46-120		

<sup>\*</sup>See Statement of Data Qualifications



0804555 Client: Weston Solutions, Inc. - Illinois Work Order: Project: Description: Allied Paper, Kalamazoo, 20405.016.002 WAP042808 Client Sample ID: APS-042808-20-SD/TS20017 Sampled: 04/28/08 16:06 Lab Sample ID: 0804555-01 Sampled By: Michael Browning Matrix: Sediment Received: 04/28/08 17:15

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	43	0.10	0.10	%	1	USEPA-3550B	04/29/08 K	KNC	0804808



# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0804819 3550B Sonicati	on Extraction/	USEPA-8	082						
Method Blank						Analyzed:		04/30/2008	By: JMK
Unit: mg/kg wet						Analytical Bato	:h:	8043016	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				98	36-136				
Tetrachloro-m-xylene				104	46-120				
Laboratory Control Sample						Analyzed:		04/30/2008	By: JMK
Unit: mg/kg wet						Analytical Bato	:h:	8043016	
PCB-1016		0.167	0.180	108	72-117			0.33	0.0042
PCB-1260		0.167	0.149	89	77-123			0.33	0.016
Surrogates									
Decachlorobiphenyl				100	36-136				
Tetrachloro-m-xylene				103	46-120				



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0804808	(General Inorganic Prep)			Analyze	d: 04/29/2008	By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0804555-01 APS-04	12808-20-SD/TS20017						
Duplicate	43	42	%	0.5	20	0.1	0.1



# STATEMENT OF DATA QUALIFICATIONS

# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

**Qualification:** Matrix QC results are not available due to sample matrix interference.

Analysis: USEPA-8082

Sample/Analyte: 0804555-01 APS-042808-20-SD/TS20017

**Qualification:** The RL is elevated due to the percent solids content of the sample.

Analysis: USEPA-8082

Sample/Analyte: 0804555-01 APS-042808-20-SD/TS20017

# TriMatrix Staboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record

COC No. 122172

- Laboratorico,	www.trimatrixlabs.com	CIO.							
For Lab Use Only	T#2						Analys	Analyses Requested	Page 1 of 1
お手がなると	108/08							1	PRESERVATIVES
- Landan	Client/Name	Project Name	ne				1 1 1		A NONE pH~7
	U.S. EPA / Weston Solutions In		Paper			_	1 1 1 1		B HNO, pH<2
Receipt Log No	Address 20 N. Wacker Drive, Soit 1210 Chicago, IL 60606		Client Project No./P.O. No.	No.				/ / / /	D 1+1 HC1 pH<2
1		Invoice No.		Client Other (comments)	ments)	CB3			F ZnAc/NaOH pH>9
Laboratory Project No. OKOLOGO	Phone Lisa Grace / K(312-424-3339) Contact Report To	39) Contact/Re	Contact/Report To	*		Conta	iner Type (correspond	Container Type (corresponds to Container Packing List)	G MeOH  H Other (note below)
Test Matrix Laboratory Sample Group Code Number	Sample ID	Cooler ID Sample Date	iple Sample	Sample C Time M	G R Matrix		Number of Containers Submitted	iners Submitted	Total Sample Comments
A Su OI	1 APS-042808-20-58/1520017	Weston 4/28	4/28/08 1606	×		Sal. 1			1 600 mL
	2								
	بو								
	4								
	Vs.								
	6								
	7								
	9								
	10								
Michael Browning	How Shipped? (Hand) Carrier.		Comments 24-	24-hour		turn around.	wad.		
Sampler Spignapure Browning	Tracking No.								
Weston Solution, Inc.	nc. Museal Browning 4/28/08	108 1715	2. Relin	2. Relinquished By		Date	Time	3. Relinquished By	Date Time
	I. Received By U Date	Time	2. Repeived By	wed By		Date	Time 3	Received For Lab By	514/8018th



# TriMatrix SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	US EPA	few / add to lux	0412808 0804555
Coolers Received	Receipt Record Page/Line No. 3.5-8	Project Chemist Sample	Nos
Recorded by (initials/date)	Cooler Qty Receiv	ed	
D 11/25/19	□ Box	Thermometer Used Digital Thermon	neter (#54)  See Additional Cooler
115 4/28/08	Other	Other (#	Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Theirs 1715			
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none none	none	none	none
present / intact	present / intact	□ present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
☐ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers
□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	☐ 1 container	☐ 1 container
Recorded °C Correction Actual °C	Recorded 6C Correction Actual 9C	Recorded °C Correction Actual °C	Recorded °C Correction Actual °C
Factor °C	Factor °C Actual C	Factor °C Actual C	Factor °C
to	tb.	tb	ıb
to location: representative / in ice	th location representative / in ice	tb location: representative / in ice	th location: representative / in ice
13.2 - 132	1	1.	1
	2	2	2
Average °C	Average °C	3	3
Cooler ID on COC? 13.	Cooler ID on COC?	Average °C  Cooler ID on COC?	Average °C  Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete S	sample Receiving Non-Conformance	ce Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	
	ustody Record(s)?	□ Average sample	temperature ≤6° C?
	COC initiated by	Completed Samp	ole Preservation Verification Form?
	ab signed/date/time?	Samples preserve	
Shipping D	ocument?	Completed Samp Samples preserve If "No", added on Received pre-pre	A TANKS OF THE RESERVE OF THE RESERV
COC ID Nos.		1 TANA PAR	served VOC soils?
COC ID NO.		□ MeOi	The state of the s
9 TriMatrix 120172		Check for Short Hold-Time Prep/	Analyses
120119		☐ Bacteriological ☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No	- many so requested	☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
Sample ID	matches COC?	☐ Yellow/White-tagged 1L Ambers (SV	
Sample date	e and time matches COC?		
	ype completed on COC?	STILL TUIL	N Around
	er types indicated are received?		
Sample Condition Summary	□ Non-TriMatrix		
N/A Yes No	containers, see Notes		
Broken con			
	incomplete labels?		lank not listed on COC
	formation on labels?	□ No COC received, Proj. Chemist revi	
Low volum		□ No analysis requested, Proj. Chemist	
	te containers received?	Cooler Received (Date/Time) Paperwork	Delivered (Date/Time) ≤1 Hour Goal Met?
	have headspace?	Bulgaler 1711	Latine (Yes I)No
D Extra samp	le locations / containers not listed on COC?	4 34 80/80/12	128/08

Log In Forms - Receiving Log-In\_Checklist



May 06, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0805086 05/05/2008 Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0805086

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: **APS-050508-21-SD/TS20028** Sampled: 05/05/08 15:20

0805086-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Received: Sediment 05/05/08 16:50 Prepared: Unit: mg/kg dry 05/06/08 By: ASC Dilution Factor: Date Analyzed: 05/06/08 By: JMK

QC Batch: 0804819 Analytical Batch: 8050641

# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
40/74 44 0	DOD 4047		0.4011	0.40	0.0007
12674-11-2	PCB-1016		0.68 U	0.68	0.0087
11104-28-2	PCB-1221		0.68 U	0.68	0.015
11141-16-5	PCB-1232		0.68 U	0.68	0.017
53469-21-9	PCB-1242		0.68 U	0.68	0.034
12672-29-6	PCB-1248		0.68 U	0.68	0.011
11097-69-1	PCB-1254		0.11J	0.68	0.0091
11096-82-5	PCB-1260		0.056J	0.68	0.033
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		97	36-136		
Tetrachloro-m-xylene	<del>,</del>	91	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0805086

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-050508-21-SD/TS20028 Sampled: 05/05/08 15:20

Lab Sample ID:0805086-01Sampled By:Michael BrowningMatrix:SedimentReceived:05/05/08 16:50

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed l	Ву	QC Batch
Percent Solids	48	0.10	0.10	%	1	USEPA-3550B	05/06/08 KN	NC	0805115



# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limits	s RL	MDL
QC Batch: 0804819 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	05/06/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8050641	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				112	36-136			
Tetrachloro-m-xylene				99	46-120			
_aboratory Control Sample						Analyzed:	05/06/2008	By: JMK
Jnit: mg/kg wet						Analytical Batch:	8050641	
PCB-1254		0.167	0.180	108	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				110	36-136			
Tetrachloro-m-xylene				100	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B				
QC Batch: 0805115 (	General Inorganic Prep)			Analyzed: 05/06/2008 By: KNC	
Method Blank		0.1 U	%	0.1	0.1
0805086-01 APS-05	0508-21-SD/TS20028				
Duplicate	48	49	%	2 20 0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

# Laboratories, Inc. TriMatrix

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record

COCNo. 122037

TriMatrixCOC COC	3	Company	Sampled By (print) Michael T. Browning Sampler's Signature Mill D. Browning	10	9	80	7						-0/	Test Matrix Laboratory Sample Group Code Number	1-0805086	Project Chemist	Receipt Log No. 47-5			For Lab Use Only
WHITE COPY - REPORT	I. Received By Date	Maked Browny 1450	How Shipped? (Hand) Carrier					6	5	4	w	2	APS-050508-21-50/T520028 Western	Sample ID Cool	Phone Lisa Graczyk (312-424-3339) Fax		Address 20 N. Wacker Drive Softe 1210 Chicago, IL 60606	U. S. EPA / Weston Solutions, Inc.		
YELLOW (	Time	168 Time										ВТИ	5/5/68	Cooler ID Sample Date	Liza Grac = yK	Invoice No.	Client Project No./P.O. No.	Allied Paper		
YELLOW COPY - LABORATORY	2. Received By	2. Relinquished By	Comments (24-hour)										1520 X	7800 0848	c=yK	Client Comments)	io./P.O. No.	per		
PINK COPY - FIELD	Date Time	Date Time											Sod. J	Matrix (250 MC/	Container Type	PCB	5			
0	1 Representation By	3. Relinquished By												Number of Containers Submitted	Container Type (corresponds to Container Packing List)					Analyses Requested
Drup	2 5-500 16:50	Date Time												Total Sample Comments	Н	E NaOH pH>12  F ZnAc/NaOH pH>9	D 1+1 HC1 pH<2	A NONE pH~7 B HNO, pH<2	↑ PRESERVATIVES	Page of

A7	riMatrix
<b>**</b>	aboratories, Inc
Coolers R	eceived
Recorded by	(initials/date)
N/A	15-5-08
Cooler No.	Time

# SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	Client 11.5. EPA/	VESTON pewy add to US	uberutal No. P OSTOSOB OBOSOBL
Coolers Received	Receipt Record Page/Line No	Project Chemist Sample	
Recorded by (initials/date)	☑ Cooler Qty Receive		01
4	D Box	Thermometer Used Digital Thermom	eter (#54) See Additional Cooler
N 5-5-08	□ Other/	Other (#	Information Form
Cooler No Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
		A	
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed D op / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers blue ice / avg 2-3 containers	bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers
blue ice / avg 2-3 containers none / avg 2-3 containers	blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	blue ice / avg 2-3 containers
Alternate Temperature Taken Via:	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
temperature blank (tb)	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
1 container	1 container	temperature blank (tb)	temperature blank (tb)
Correction	Correction	Correction	Correction
Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °C
th	tb	tb	th .
to location: representative / in ice	th location: representative / in ice	tb location: representative / in ice	th location: representative / in ice
11.80			
3	3		2
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC? 17.8	Cooler ID on COC?	□ Cooler ID on COC?	Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	☐ VOC trip blank received?	□ VOC trip blank received?
If any	shadad areas shasked complete S	amula Passiving Non Conformation	P
		ample Receiving Non-Conformance	e rorm
Paperwork Received N/A Yes No	□ No COC received	Check Sample Preservation N/A Yes No.	
AND THE PARTY OF T	Custody Record(s)?	N/A Yes No Average sample t	ammarotura <6° C?
	COC initiated by		le Preservation Verification Form?
	ab signed/date/time?		
Shipping D	ab signed/date/time:	Samples preserve	d correctly?
Ompping D	ocument?	Samples preserve	
Other_	TO A PROCESS OF A CONTROL OF THE CONTROL	☐ If "No", added or	
COC ID Nos	ocument?	Samples preserve If "No", added or Received pre-pre	ange tag? served VOC soils?
© Other	ocument?	Check for Short Hold-Time Prep/	ange tag? served VOC soils? Na <sub>2</sub> SO <sub>4</sub>
COC ID Nos	ocument?	Check for Short Hold-Time Prep/A	ange tag? served VOC soils?  Na <sub>2</sub> SO <sub>4</sub> Analyses
COC ID Nos. /22/03/7	ocument?	Check for Short Hold-Time Prep/A  Bacteriological Air Bags	ange tag? served VOC soils?  Na <sub>2</sub> SO <sub>4</sub> Analyses  AFTER HOURS ONLY:
COC ID Nos. /22/03/7  TriMatrix  Other (name or ID#)	ocument?	☐ MeOF  Check for Short Hold-Time Prep/ ☐ Bacteriological ☐ Air Bags ☐ EnCores / Methanol Pre-Preserved	ange tag? served VOC soils? Na <sub>2</sub> SO <sub>4</sub> Analyses  AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
COC ID Nos.    22   3   7     TriMatrix    Other (name or ID#)   Check COC for Accuracy	ocument?	☐ MeOF  Check for Short Hold-Time Prep/ ☐ Bacteriological ☐ Air Bags ☐ EnCores / Methanol Pre-Preserved ☐ Formaldehyde/Aldehyde	ange tag? served VOC soils? Na <sub>2</sub> SO <sub>4</sub> Analyses  AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)  NONE RECEIVED
COC ID Nos.    22   3   7     TriMatrix    Other (name or ID#)   Check COC for Accuracy   Yes   No	No analysis requested	☐ MeOl- Check for Short Hold-Time Prep/a ☐ Bacteriological ☐ Air Bags ☐ EnCores / Methanol Pre-Preserved ☐ Formaldehyde/Aldehyde ☐ Green-tagged Containers	ange tag? served VOC soils? Na <sub>2</sub> SO <sub>4</sub> Analyses  AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S)
COC ID Nos. /22/D3 7  TriMatrix  Other (name or ID#)  Check COC for Accuracy Yes No Sample ID	ocument?	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COCs TO LAB(S)
Other COC ID Nos.   22D3 7   TriMatrix   Other (name or ID#)   Check COC for Accuracy Yes No Sample ID   Sample date   Sample date   Sample date   Cock   Co	No analysis requested	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COCs TO LAB(S)
COC ID Nos. /22/D3 7  TriMatrix  Other (name or ID#)  Check COC for Accuracy Yes No Sample ID Sample date Container to	No analysis requested matches COC? e and time matches COC?	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COCs TO LAB(S)
COC ID Nos. /22/D3 7  TriMatrix  Other (name or ID#)  Check COC for Accuracy Yes No Sample ID Sample date Container to	No analysis requested matches COC? e and time matches COC? type completed on COC?	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COCs TO LAB(S)
COC ID Nos.    22037   TriMatrix    Other (name or ID#)   Check COC for Accuracy   Yes   No   Sample ID     Sample date   Container to     All container to     Sample Condition Summary   N/A   Yes   No	matches COC? e and time matches COC? ype completed on COC? er types indicated are received?	Check for Short Hold-Time Prep/A  Bacteriological  Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COC'S TO LAB(S)
COC ID Nos.    22D3   7     TriMatrix     Other (name or ID#)     Check COC for Accuracy   Yes   No   Sample ID     Sample date   Container to   All contains     Sample Condition Summary   N/A   Yes   No   Broken con	matches COC? e and time matches COC? ype completed on COC? er types indicated are received?  Non-TriMatrix containers, see Notes	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV	AFTER HOURS ONLY:  COPIES OF COC TO LAB AREA(S)  NONE RECEIVED  RECEIVED, COCs TO LAB(S)
Other  COC ID Nos.    22037  TriMatrix  Other (name or ID#)  Check COC for Accuracy  Yes No Sample ID Sample date Container to All contains  Sample Condition Summary  N/A Yes No Broken con Missing or	matches COC? e and time matches COC? ype completed on COC? er types indicated are received? Non-TriMatrix containers, see Notes stainers/lids? incomplete labels?	Check for Short Hold-Time Prep//  Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV Notes  AHAE JO	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S) Prep-Lab
COC ID Nos.    22D3   7     TriMatrix     Other (name or ID#)     Check COC for Accuracy   Yes   No   Sample ID     Sample date   Container to   All contains     Sample Condition Summary   N/A   Yes   No   Broken con   Missing or   Illegible inf	matches COC? e and time matches COC? ype completed on COC? er types indicated are received? Non-TriMatrix containers, see Notes stainers/lids? incomplete labels? formation on labels?	Check for Short Hold-Time Prep//  Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV Notes  Trip blank received No COC received, Proj. Chemist revie	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S) Prep-Lab
COC ID Nos.    22037   TriMatrix     Other (name or ID#)     Check COC for Accuracy	matches COC? e and time matches COC? ype completed on COC? er types indicated are received?  Non-TriMatrix containers, see Notes stainers/lids? incomplete labels? formation on labels? se received?	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV Notes  Trip blank received No COC received, Proj. Chemist revie	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S) Prep-Lab  lank not listed on COC ewed (init./date) completed (init./date)
COC ID Nos.    22037     TriMatrix     Other (name or ID#)     Check COC for Accuracy	matches COC? e and time matches COC? ype completed on COC? er types indicated are received? Non-TriMatrix containers, see Notes stainers/lids? incomplete labels? formation on labels?	Check for Short Hold-Time Prep// Bacteriological Air Bags EnCores / Methanol Pre-Preserved Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV Notes  Trip blank received No COC received, Proj. Chemist revie	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S) Prep-Lab



May 09, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0805159 05/08/2008 WAP050808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Sampled:

05/08/08 11:20

Weston Solutions, Inc. - Illinois Client: Work Order: 0805159 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP050808

Client Sample ID: APS-050808-22SD/TS20044

Lab Sample ID: 0805159-01 Sampled By: M.Browning Matrix: Received: 05/08/08 12:45 Sediment Prepared: Unit: mg/kg dry 05/08/08 By: KB9 Date Analyzed: 05/08/08 By: JMK

Dilution Factor:

QC Batch: 0804819 Analytical Batch: 8050920

# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.78 U	0.78	0.0099
11104-28-2	PCB-1221		0.78 U	0.78	0.017
11141-16-5	PCB-1232		0.78 U	0.78	0.020
53469-21-9	PCB-1242		0.78U	0.78	0.038
12672-29-6	PCB-1248		0.49 J	0.78	0.012
11097-69-1	PCB-1254		0.78 U	0.78	0.010
11096-82-5	PCB-1260		0.14J	0.78	0.037
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		114	36-136		
Tetrachloro-m-xylene		86	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0805159 Project: Description: WAP050808 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-050808-22SD/TS20044 Sampled: 05/08/08 11:20 Lab Sample ID: 0805159-01 Sampled By: M.Browning Matrix: Sediment Received: 05/08/08 12:45

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	42	0.10	0.10	%	1	USEPA-3550B	05/08/08 K	KNC	0805266



# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limi	ts RL	MDL
QC Batch: 0804819 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	05/08/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8050920	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				114	36-136			
Tetrachloro-m-xylene				99	46-120			
Laboratory Control Sample						Analyzed:	05/08/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8050920	
PCB-1254		0.167	0.168	101	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				115	36-136			
Tetrachloro-m-xylene				99	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B				
QC Batch: 0805266 (	General Inorganic Prep)			Analyzed: 05/08/2008 By: KNC	
Method Blank		0.1 U	%	0.1	0.1
0805159-01 APS-05	0808-22SD/TS20044				
Duplicate	42	42	%	0.05 20 0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

# TriMatrix 55 Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record

COCNo. 122038

A . A	Commencer and an art of the sail	COM							
For Lab Use Only							D. L.		Page   of
Cart			343454 Jen	282		Allai	Analyses Kequesied		PRESERVATIVES
VOA Rack/Tray	Client Name		C			-			A NONE pH~7
Receipt Log No. A.	Address 20 N. Wackerprive, Suite 1210		Allied Yaper		s				B HNO, pH-2 C H,SO, pH-2
Project Chemist	(11.6930)	Invoice No.	D Client		CE	-		1	E NaOH pH>12
			Other (	Other (comments)	P				F ZnAc/NaOH pH>9
Laboratory Project No	Phone Lisa Graczyk (512-424-3339) Contact/Report To	39) Contact/Rep	ort To			1			G MeOH
	rax '	Lisa C	Lisa Graczyn		Container	Type (corresp	Container Type (corresponds to Container Packing List)	181)	H Other (note below)
Test Matrix Laboratory Sample Group Code Number	Sample ID	Cooler ID Sample Date	ole Sample e Time	O R Matrix		Number of C	Number of Containers Submitted	Total	Sample Comments
01 50 -01	APS-050808-22-50/T520044	Weston 5/8/08 1120	68 1120	× Sed. 1	<				
	2			140					
	3								
	4								
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	6								
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Michael Browning	How Shipped? (Hand) Carrier.		Comments	aments					
Millard Brown	Tracking No.		(	1000					
Company	Milmil Brown 5/8/08	% 1245	2. Relinquished By	Ву	Date	Time	3. Relinquished By	Date	Time
Weston Jointions, Inc.	I. Receiv	e Time	2. Received By		Date	Time	3. Bargirett for Lab By	12 Date	558/n



May 15, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0805307 05/14/2008 WAP051408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0805307

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP051408

Client Sample ID: **APS-051408-23SD/TS20052** Sampled: 05/14/08 14:12

Lab Sample ID: 0805307-01 Sampled By: M.Browning Matrix: Received: 05/14/08 15:40 Sediment Prepared: Unit: mg/kg dry 05/15/08 By: ASC Dilution Factor: Date Analyzed: 05/15/08 By: DJM

QC Batch: 0805369 Analytical Batch: 8051554

# Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
	DOD 4044				
12674-11-2	PCB-1016		0.41 U	0.41	0.0052
11104-28-2	PCB-1221		0.41 U	0.41	0.0092
11141-16-5	PCB-1232		0.41 U	0.41	0.010
53469-21-9	PCB-1242		0.41 U	0.41	0.020
12672-29-6	PCB-1248		0.41 U	0.41	0.0066
11097-69-1	PCB-1254		0.41 U	0.41	0.0055
11096-82-5	PCB-1260		0.41 U	0.41	0.020
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		83	36-136		
Tetrachloro-m-xylene		91	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0805307 Project: Description: WAP051408 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-051408-23SD/TS20052 Sampled: 05/14/08 14:12 Lab Sample ID: 0805307-01 Sampled By: M.Browning Matrix: Sediment Received: 05/14/08 15:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC V Batch
Percent Solids	80	0.10	0.10	%	1	USEPA-3550B	05/14/08 KNC	0805576



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		PD mits RL	MDL
<b>QC Batch: 0805369</b> 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	05/15/2008	By: DJM
Unit: mg/kg wet						Analytical Batch	: 8051554	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				101	36-136			
Tetrachloro-m-xylene				99	46-120			
Laboratory Control Sample						Analyzed:	05/15/2008	By: DJM
Unit: mg/kg wet						Analytical Batch	: 8051554	
PCB-1254		0.167	0.163	98	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				95	36-136			
Tetrachloro-m-xylene				96	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0805576 (	(General Inorganic Prep)			Analyz	ed: 05/1	4/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0805307-01 APS-05	1408-23SD/TS20052						
Duplicate	80	83	%	4	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS							
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.						



May 30, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0805611 05/29/2008 WAP052908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client:Weston Solutions, Inc. - IllinoisWork Order:0805611Project:Allied Paper, Kalamazoo, 20405.016.002Description:WAP052908Client Sample ID: APS-052908-24-SD/TS20068Sampled:05/29/08 09:35

Lab Sample ID: 0805611-01 Sampled By: Michael Browning Matrix: Received: Sediment 05/29/08 12:36 Prepared: Unit: mg/kg dry 05/29/08 By: ASC Dilution Factor: Date Analyzed: 05/29/08 By: JMK

QC Batch: 0806292 Analytical Batch: 8053011

			Analytical		
CAS Number	Analyte		Result	RL	MDL
40/74 44 0	DOD 4047		0.04511	0.045	0.0000
12674-11-2	PCB-1016		0.065 U	0.065	0.0083
11104-28-2	PCB-1221		0.065 U	0.065	0.015
11141-16-5	PCB-1232		0.065 U	0.065	0.017
53469-21-9	PCB-1242		0.065 U	0.065	0.032
12672-29-6	PCB-1248		0.065 U	0.065	0.010
11097-69-1	PCB-1254		0.15	0.065	0.0087
11096-82-5	PCB-1260		0.22	0.065	0.031
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		73	36-136		
Tetrachloro-m-xylene	9	77	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0805611 Project: Description: WAP052908 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-052908-24-SD/TS20068 Sampled: 05/29/08 09:35 Lab Sample ID: 0805611-01 Sampled By: Michael Browning Matrix: Sediment Received: 05/29/08 12:36

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	51	0.10	0.10	%	1	USEPA-3550B	05/29/08 KNC	0806355



Client:Weston Solutions, Inc. - IllinoisWork Order:0805611Project:Allied Paper, Kalamazoo, 20405.016.002Description:WAP052908Client Sample ID:APS-052908-25-SD/TS20069Sampled:05/29/08 10:40

Lab Sample ID: 0805611-02 Sampled By: Michael Browning Matrix: Sediment Received: 05/29/08 12:36 Unit: mg/kg dry Prepared: 05/29/08 By: ASC By: JMK Dilution Factor: Date Analyzed: 05/29/08

QC Batch: 0806292 Analytical Batch: 8053011

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.065 U	0.065	0.0083
11104-28-2	PCB-1221		0.065 U	0.065	0.015
11141-16-5	PCB-1232		0.065 U	0.065	0.017
53469-21-9	PCB-1242		0.065 U	0.065	0.032
12672-29-6	PCB-1248		0.60	0.065	0.010
11097-69-1	PCB-1254		0.29	0.065	0.0086
11096-82-5	PCB-1260		0.080	0.065	0.031
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		74	36-136		
Tetrachloro-m-xylene		82	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0805611 Project: Description: WAP052908 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-052908-25-SD/TS20069 Sampled: 05/29/08 10:40 Lab Sample ID: 0805611-02 Sampled By: Michael Browning Matrix: Sediment Received: 05/29/08 12:36

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	51	0.10	0.10	%	1	USEPA-3550B	05/29/08 KNC	0806355



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0806292 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	05/29/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:	8053011	
PCB-1016			0.033 U				0.033	0.0042
PCB-1221			0.033 U				0.033	0.0074
PCB-1232			0.033 U				0.033	0.0084
PCB-1242			0.033 U				0.033	0.016
PCB-1248			0.033 U				0.033	0.0053
PCB-1254			0.033 U				0.033	0.0044
PCB-1260			0.033 U				0.033	0.016
Surrogates								
Decachlorobiphenyl				91	36-136			
Tetrachloro-m-xylene				85	46-120			
Laboratory Control Sample						Analyzed:	05/29/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:	8053011	
PCB-1254		0.167	0.157	94	73-125		0.033	0.0044
Surrogates								
Decachlorobiphenyl				84	36-136			
Tetrachloro-m-xylene				84	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0806355 (	(General Inorganic Prep)			Analyz	ed: 05/2	9/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0805611-01 APS-05	2908-24-SD/TS20068						
Duplicate	51	51	%	1	20	0.1	0.1

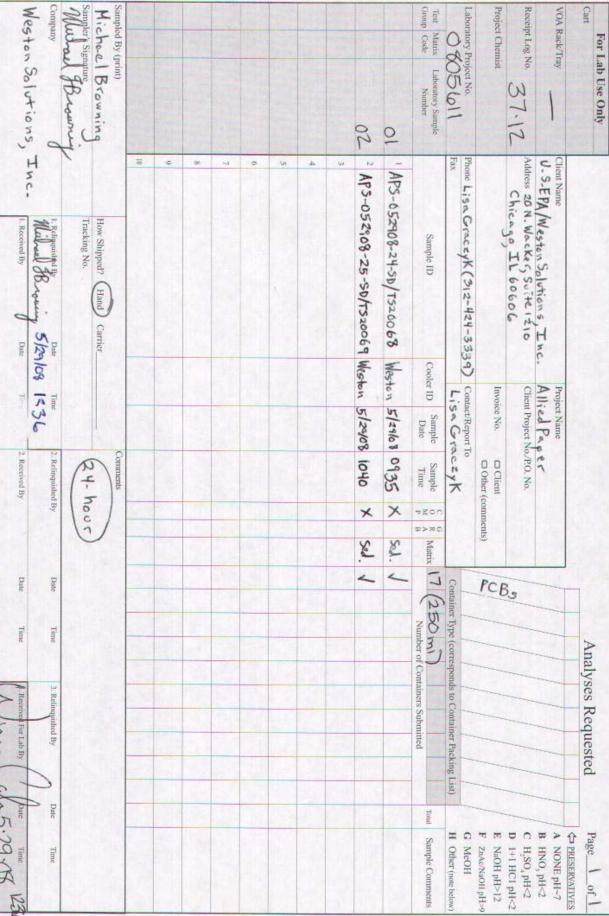


STATEMENT OF DATA QUALIFICATIONS							
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.						

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com

## Chain of Custody Record COCNO. 124173



Laboratories, Inc.	Client UCS+ON Receipt Record Page Line No.	new / add to Project Chepust Sample	1-Submittal No. 0805 611
Coolers Received	37.12	COF	01-02 WAP 052508
Recorded by (initials/date)	Cooler Qty Receive	d IR Gun (#94)	
WC 5.29.08	Box Other/	Thermometer Used Digital Thermo	meter (#54) See Additional Cooler Information Form
Cooler No. Time 1238	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seaks	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	□ present / intact	present / intact	present / intact
present / not intact	present / not intact	□ present / not intact	present / not intact
Coolant Location	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed Top Middle Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers
□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
☐ I container	□ 1 container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
10	tb	tb	tb
th location: representative / in ice	th location: representative / in ice	th location: representative / in ice	th location: representative / in ice
1 12.60 - 12.60	L	1	1
2 14.1 ~ 14.1	2	2	2
Average °C /	3	3	3
Cooler ID on COC? 13.4	Average °C  Cooler ID on COC?	Average °C  Cooler ID on COC?	Average °C
□ VOC trip blank received?	VOC trip blank received?		Cooler ID on COC?
D voc up blank received:	U voc trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete S	ample Receiving Non-Conformat	ice Form
Paperwork Received			
N/A Yes No	No COC received	Check Sample Preservation	
	ustody Record(s)?		e temperature ≤6° C?
	COC initiated by		apple Preservation Verification Form?
	sb signed/date/time?	Samples preser	The state of the s
Shipping D	318 STREET, TO THE TOTAL THE T	If "No", added	
Other_			reserved VOC soils?
COC'ID Nos.	PATRICIA DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR DE LA CONTRACTOR	□ MeC	
1 1/41/7		Check for Short Hold-Time Prep	Analyses
1/2/1/2			

Paperwork Received   No COC received	
N/A Yes No Chain of Custody Record(s)? If No, COC initiated by Rec'd for Lab signed/date/time? Shipping Document? Other  COC ID Nos.	Check Sample Preservation  N/A Yes No  Average sample temperature ≤6° C?  Completed Sample Preservation Verification Form?  Samples preserved correctly?  If "No", added orange tag?  Received pre-preserved VOC soils?  MeOH Na₂SO₄  Check for Short Hold-Time Prep/Analyses  Bacteriological  Air Baps  AFTER HOURS ONLY:
Container type completed on COC?	Ar Bags  EnCores / Methanol Pre-Preserved  Formaldehyde/Aldehyde Green-tagged Containers Yellow/White-tagged 1L Ambers (SV Prep-Lab)  Notes  AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) RECEIVED RECEIVED RECEIVED, COCs TO LAB(S)
Sample Condition Summary Non-TriMatrix N/A Yes No containers, see Notes  Broken containers/lids? Missing or incomplete labels? Low volume received? Inappropriate containers received?  VOC vials have headspace?	☐ Trip blank received ☐ Trip blank not listed on COC ☐ No COC received, Proj. Chemist reviewed (init./date) ☐ No analysis requested, Proj. Chemist completed (init./date) ☐ Cooler Received (Date/Time) Paperwork Delivered (Date/Time) ≤1 Hour Goal Met?



June 11, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0806174 06/09/2008 WAP060908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Ord Project: Allied Paper, Kalamazoo, 20405.016.002 Description

Client Sample ID: APS-060908-26-SD/TS20076

Lab Sample ID: **0806174-01**Matrix: Sediment
Unit: mg/kg dry

Dilution Factor:

QC Batch: 0806847

Work Order: **0806174**Description: WAP060908

Sampled: 06/09/08 16:15

Sampled By: M.Browning

Received: 06/09/08 17:20

Prepared: 06/10/08 By: ASC

06/10/08

By: JMK

Analytical Batch: 8061052

Date Analyzed:

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.81 U	0.81	0.010
11104-28-2	PCB-1221		0.81 U	0.81	0.018
11141-16-5	PCB-1232		0.81 U	0.81	0.021
53469-21-9	PCB-1242		0.81 U	0.81	0.040
12672-29-6	PCB-1248		0.81 U	0.81	0.013
11097-69-1	PCB-1254		0.81 U	0.81	0.011
11096-82-5	PCB-1260		0.81 U	0.81	0.039
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		70	36-136		
Tetrachloro-m-xylen	e	87	46-120		



0806174 Client: Weston Solutions, Inc. - Illinois Work Order: Project: Description: WAP060908 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-060908-26-SD/TS20076 Sampled: 06/09/08 16:15 Lab Sample ID: 0806174-01 Sampled By: M.Browning Matrix: Sediment Received: 06/09/08 17:20

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	41	0.10	0.10	%	1	USEPA-3550B	06/10/08 K	INC	0806866



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0806847 3550B Sonication	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	06/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8061052	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				86	36-136			
Tetrachloro-m-xylene				102	46-120			
Laboratory Control Sample						Analyzed:	06/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8061052	
PCB-1254		0.167	0.170	102	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				87	36-136			
Tetrachloro-m-xylene				99	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0806866	(General Inorganic Prep)			Analyz	ed: 06/10	0/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0806174-01 APS-06	60908-26-SD/TS20076						
Duplicate	41	39	%	4	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

TriMatrix
Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com

## Chain of Custody Record COCNO. 124172

TOTAL	1	1. Relinquisped By Date	Sampled By (print)  Michael Browning  How Shipped? (Hand) Carrier  Symplege Schapure  Tracking No.	10	9	*	7	6	Un	*	3	12	11 -01 APS-060908-26-50/1520076 Westen 6/9/08	Test Matrix Laboratory Sample Sample ID Cooler ID Sample Date	Laboratory Project No. 4 Phone Lisa Graczyk (312-424-3339) Contact Report To	Project Chemist  Invoice No.	Receipt Log No. Address 20 N. Wacker, Suik 1210 Client Project	U.S.EPA/Westen Solutions Inc. A	
VELLOW CORV. LABORATORY	2. Received By	2. Relinquished By	Comments  (24 - hour										103 1615 X	ple Sample O R Matrix te Time P B Matrix	Lisa Graczyk	□ Client □ Other (comments)	Client Project No. P.O. No.	Allied Pages	solding 4m
AS THE PART OF THE	Date Time 3. Roserty Lab By	Date Time 3. Relinquished By											1	Number of Containers Submitted	Container Type (corresponds to Container Packing List)	Pc	Вз		
Carlo Land	Date Time	Date Time												Total Sample Comments	G MeOH List) H Other (note below)	F ZnAcNaOHpH>9	C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HC1 pH<2	A NONE pH~7 B HNO, pH<2	♦ PRESERVATIVES



### TriMatrix SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc	Receipt Record Page/Line No.	new / add to U	AP 0100908 = NOS. 01 0901010121
Recorded by (initials/date)	Cooler Sample Oty Received Box Other Orop		meter (#54) See Additional Cooler Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant/Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) container	Custody Seals  none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) container	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers  none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb)	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Botton  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers  loue ice / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb)  l container
Recorded °C Correction Factor °C Actual °C 66 to 1 /5./	Recorded °C Correction Factor °C Actual °C tb tb location: representative / in ice	Recorded °C Correction Factor °C Actual °C to to location: representative / in ice	Recorded °C Correction Factor °C Actual °C to
Average °C /5./  Cooler ID on COC? /5./  VOC trip blank received?	Average °C Cooler ID on COC? VOC trip blank received?	Average °C Cooler ID on COC? VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?
Paperwork Received  N/A Yes No Chain of C	No COC received  sustody Record(s)? COC initiated by ab signed/date/time? ocument?	Check Sample Preservation  N/A Yes No  Average sample to Completed Sample Samples preserver If "No", added ora Received pre-pres MeOH  Check for Short Hold-Time Prep/A	emperature ≤6° C?  e Preservation Verification Form?  d correctly?  nge tag?  erved VOC soils?  □ Na₂SO₄
Other (name or ID#)	□ No analysis requested	☐ Air Bags ☐ EnCores / Methanol Pre-Preserved ☐ Formaldehyde/Aldehyde ☐ Green-tagged Containers	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S) NONE RECEIVED RECEIVED, COCs TO LAB(S)
Sample date Container ty All container N/A Yes No Broken cont Missing or in Ullegible info Low volume Inappropriate VOC vials he	pe completed on COC?  rtypes indicated are received?  Non-TriMatrix containers, see Notes ainers/lids? acomplete labels? rmation on labels? received?	<ul> <li>□ No COC received, Proj. Chemist review</li> <li>□ No analysis requested, Proj. Chemist co</li> </ul>	nk not listed on COC



June 16, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0806314 06/13/2008 WAP061208

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP061208

Client Sample ID: APS-061208-27-SD/K55354 Sampled:

06/12/08 19:23 Lab Sample ID: 0806314-01 Sampled By: M.Browning Matrix: Received: Sediment 06/13/08 16:40 Prepared: Unit: mg/kg dry 06/16/08 By: ASC Dilution Factor: 10 Date Analyzed: 06/16/08 By: JMK

QC Batch: 0806848 Analytical Batch: 8061647

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.60 U	0.60	0.076
11104-28-2	PCB-1221		0.60 U	0.60	0.13
11141-16-5	PCB-1232		0.60 U	0.60	0.15
53469-21-9	PCB-1242		0.60 U	0.60	0.29
12672-29-6	PCB-1248		0.60 U	0.60	0.096
11097-69-1	PCB-1254		3.3	0.60	0.080
11096-82-5	PCB-1260		0.60 U	0.60	0.29
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		82	36-136		
Tetrachloro-m-xylene		85	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314 Project: Description: WAP061208 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-061208-27-SD/K55354 Sampled: 06/12/08 19:23 Lab Sample ID: 0806314-01 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	55	0.10	0.10	%	1	USEPA-3550B	06/16/08 KNC	0807087



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314 Project: WAP061208 Allied Paper, Kalamazoo, 20405.016.002 Description: Sampled: 06/12/08 19:23

Client Sample ID: APS-061208-27-DP/K55354

Lab Sample ID: 0806314-02 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40 Unit: mg/kg dry Prepared: 06/16/08 By: ASC Dilution Factor: 20 Date Analyzed: 06/16/08 By: JMK

QC Batch: 0806848 Analytical Batch: 8061647

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		1.2U	1.2	0.15
11104-28-2	PCB-1221		1.2 U	1.2	0.27
11141-16-5	PCB-1232		1.2 U	1.2	0.31
53469-21-9	PCB-1242		1.2 U	1.2	0.60
12672-29-6	PCB-1248		6.6	1.2	0.19
11097-69-1	PCB-1254		6.5	1.2	0.16
11096-82-5	PCB-1260		1.6	1.2	0.58
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		72	36-136		
Tetrachloro-m-xylene	<del>,</del>	88	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314 Project: Description: WAP061208 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-061208-27-DP/K55354 Sampled: 06/12/08 19:23 Lab Sample ID: 0806314-02 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	55	0.10	0.10	%	1	USEPA-3550B	06/16/08 KNC	0807087



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP061208

Client Sample ID: ARS 061208 39 SD (KEE356

 Client Sample ID: APS-061208-28-SD/K55356
 Sampled: 06/12/08 19:45

 Lab Sample ID: 0806314-03
 Sampled By: M.Browning

 Matrix: Sediment
 Received: 06/13/08 16:40

Unit: mg/kg dry Prepared: 06/16/08 By: ASC Dilution Factor: 10 Date Analyzed: 06/16/08 By: JMK

QC Batch: 0806848 Analytical Batch: 8061647

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.55 U	0.55	0.070
11104-28-2	PCB-1221		0.55 U	0.55	0.12
11141-16-5	PCB-1232		0.55 U	0.55	0.14
53469-21-9	PCB-1242		0.55 U	0.55	0.27
12672-29-6	PCB-1248		4.8	0.55	0.088
11097-69-1	PCB-1254		2.2	0.55	0.073
11096-82-5	PCB-1260		0.55 U	0.55	0.26
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		81	36-136		
Tetrachloro-m-xylene		86	46-120		



Weston Solutions, Inc. - Illinois Client: Work Order: 0806314 Project: Description: WAP061208 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-061208-28-SD/K55356 Sampled: 06/12/08 19:45 Lab Sample ID: 0806314-03 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	60	0.10	0.10	%	1	USEPA-3550B	06/16/08 KNC	0807087



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP061208

Client Sample ID: **APS-061208-29-SD/K55352** Sampled: 06/12/08 20:08
Lab Sample ID: **0806314-04** Sampled By: M Browning

Lab Sample ID: 0806314-04 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40 Unit: mg/kg dry Prepared: 06/16/08 By: ASC Dilution Factor: Date Analyzed: 06/16/08 By: JMK

QC Batch: 0806848 Analytical Batch: 8061647

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.24 U	0.24	0.030
11104-28-2	PCB-1221		0.24 U	0.24	0.053
11141-16-5	PCB-1232		0.24 U	0.24	0.060
53469-21-9	PCB-1242		0.24 U	0.24	0.12
12672-29-6	PCB-1248		2.5	0.24	0.038
11097-69-1	PCB-1254		0.24 U	0.24	0.032
11096-82-5	PCB-1260		0.27	0.24	0.11
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		84	36-136		
Tetrachloro-m-xylene		86	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0806314 Project: Description: WAP061208 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-061208-29-SD/K55352 Sampled: 06/12/08 20:08 Lab Sample ID: 0806314-04 Sampled By: M.Browning Matrix: Sediment Received: 06/13/08 16:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	70	0.10	0.10	%	1	USEPA-3550B	06/16/08 KNC	0807087



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0806848 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	06/16/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8061647	
PCB-1016			0.033 U				0.033	0.0042
PCB-1221			0.033 U				0.033	0.0074
PCB-1232			0.033 U				0.033	0.0084
PCB-1242			0.033 U				0.033	0.016
PCB-1248			0.033 U				0.033	0.0053
PCB-1254			0.033 U				0.033	0.0044
PCB-1260			0.033 U				0.033	0.016
Surrogates								
Decachlorobiphenyl				93	36-136			
Tetrachloro-m-xylene				96	46-120			
Laboratory Control Sample						Analyzed:	06/16/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8061647	
PCB-1254		0.167	0.165	99	73-125		0.033	0.0044
Surrogates								
Decachlorobiphenyl				93	36-136			
Tetrachloro-m-xylene				98	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B							
QC Batch: 0807087 (	(General Inorganic Prep)			А	nalyze	ed: 06/	16/2008 By: KNC	
Method Blank		0.1 U	%				0.1	0.1
0806314-03 APS-06	1208-28-SD/K55356							
Duplicate	60	61	%		0.7	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

# TriMatrix 5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

### Chain of Custody Record

COCNo. 121673

Sample of the Same	00	TOTAL STREET			300	Kely Huase				
1-13-08 (JA)	B. Received For Lab By Date	Ditte Time	Date Date	0	1	Valley		Time	1. Received By Date	
Time 240	3. Relinquished By Date 10/13/08	6/13/08 1505	6/1	Brown		2. Relimburshed By	6		Waled Frenny 6/3108	Weston Solutions Inc.
									Tracking No.	Manual Hrowing
						Comments			How Shipped? (Hand) Carrier_	Michael Bouning
										10
										9
										- 00
									Street Street Street	7
										6
							-			0.5
	/		~	X Sed. V	×	2008	6/12/08 2008	Weston	" APS-661268-29-50/K5535\$ 2 Weston	- LET + A
	/		~	4	X	1945	4	4	APS-061208-28-50/K553566	- 63 ×
	,		_	-	×	1923			2 MPS-061208-27-54-DF/K55354	63 2M
	,		-	Sed.	×		6/12/08 1923	Weston		A -01 1
Sample Comments	Number of Containers Submitted Total	Number of Co	7	Matrix	7800 8>80	Sample	Sample Date	Cooler ID	Sample ID	Test Matrix Laboratory Sample Group Code Number
G MeOH  H Other (note below)	Container Type (corresponds to Container Packing List)	intainer Type (correspo	2	9	10.00	raczyk	act/Report To	Sq) Contact/R	Phone Lisa Gracey K (312-424-3539) Contact Report To	E0800314 Phon
E NaOH pH>12  F ZnAc/NaOH pH>9			PCB	(8)	mment	Client Other (comments)	Invoice No.	Invoi		
C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HC1 pH<2		5	_			/P.O. No.	Client Project No./P.O. No.	Clien	Chicago IL 60606	Receipt Log No. 13-18 Add
A NONE pH-7 B HNO, pH-2						-	Allied Paper		U.S.EPA/Waston Solutions Inc	VOA Rack/Tray Clie
SERV	Allalyses Nequested	Tilai				2	MARTONIZOUS	BARW		~
Page   of	reac Requested	Analy								For Lab Use Only
			1					OD .	www.trimatrixlabs.com	Labolatolles, IIIc.



June 25, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0806496 06/24/2008 WAP062408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0806496

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP062408

Client Sample ID: APS-062408-30-SD/TS20090 Sampled: 06/24/08.09

Client Sample ID: APS-062408-30-SD/TS20090 Sampled: 06/24/08 09:20 0806496-01 Lab Sample ID: Sampled By: Ms. Kelly Hudson Matrix: Received: 06/24/08 14:05 Sediment Prepared: Unit: mg/kg dry 06/24/08 By: ASC

Dilution Factor: 1 Date Analyzed: 06/25/08 By: JLW

QC Batch: 0807236 Analytical Batch: 8062504

			Analytical		
CAS Number	Analyte		Result	RL	MDL
	DOD 4044				
12674-11-2	PCB-1016		0.75 U	0.75	0.0096
11104-28-2	PCB-1221		0.75 U	0.75	0.017
11141-16-5	PCB-1232		0.75 U	0.75	0.019
53469-21-9	PCB-1242		0.75 U	0.75	0.037
12672-29-6	PCB-1248		0.75 U	0.75	0.012
11097-69-1	PCB-1254		0.75 U	0.75	0.010
11096-82-5	PCB-1260		0.75 U	0.75	0.036
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		81	36-136		
Tetrachloro-m-xylene		95	46-120		



Weston Solutions, Inc. - Illinois 0806496 Client: Work Order: Project: Description: WAP062408 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-062408-30-SD/TS20090 Sampled: 06/24/08 09:20 Lab Sample ID: 0806496-01 Sampled By: Ms. Kelly Hudson Matrix: Sediment Received: 06/24/08 14:05

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	44	0.10	0.10	%	1	USEPA-3550B	06/24/08 KNC	0807554



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		RPD mits RL	MDL
QC Batch: 0807236 3550B Sonicat	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	06/25/2008	By: JLW
Jnit: mg/kg wet						Analytical Batch	1: 8062504	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				90	36-136			
Tetrachloro-m-xylene				105	46-120			
Laboratory Control Sample						Analyzed:	06/25/2008	By: JLW
Jnit: mg/kg wet						Analytical Batch	1: 8062504	
PCB-1254		0.167	0.168	101	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				88	36-136			
Tetrachloro-m-xylene				103	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B					
QC Batch: 0807554 (	(General Inorganic Prep)			Analyzed: 06/24/2008 By	: KNC	
Method Blank		0.1 U	%		0.1	0.1
0806496-01 APS-06	2408-30-SD/TS20090					
Duplicate	44	44	%	0.08 20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

## TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

## Chain of Custody Record

COCNo. 124171

a Drop		7	PINK COPY - FIELD	PINK COF		ATORY	- LABOI	YELLOW COPY - LABORATORY		WHITE COPY - REPORT		TnMatrixCOC COC	
1/08 14.05	6/24	Cychrod Eglats By Date Time	Time	Date			2. Received By				as lac	Western so lotions he	Z
Time	Date	3. Relinquished By	Time	Date		×	2. Relinquished By		1 80/ 1 80/	1. Retinquished By Date		pany	Company
						3	Comments Purah	Com		How Shipped? (and Carrier Tracking No.		Sampled By (print) Kelly Hudson Sampler's Signature	Samp Samp
											10		
											9		
											00		
											2		
											6		969
											35		
											4		
											ia.		
										TS 20090	22		
				*	X 133	×		6/24/08 0920	western 6		1 APS	16 03	
al Sample Comments	Total	Number of Containers Submitted	Number of (	19	Matrix 19	#200 #200	Sample Time	Sample Sample Sample	Cooler ID S	Sample ID		'lest Matrix Laboratory Sample Group Code Number	Group
H Other (note below	List)	Container Type (corresponds to Container Packing List)	r Type (corres	Containe			XX	LISA GRICZYK	Contact	Phone 312-424-3539 Fax	Phone 21	080 6 49 P	0
E NaOH pH>12 F ZnAc/NaOH pH>	/ /			PCB		mments	□ Client □ Other (comments)		Invoice No.	Chicago 11 60606	Ç.	Project Chomist	Proj
D 1+1 HC1 pH<2		1111		2			No.	Chent Project No./P.O. No.		20 N Wacker, Suite 1210	Address 20	りたりな	N
A NONE pH~7 B HNO, pH<2				2			2	ied Pa	Project N	USEPA/Weston Solutions Inc Allied Paper	USEP	VOA Rack/Tray	VOA
SERV								0	P544	WARD			Call
Page   of		Analyses Requested	Ana									For Lab Use Only	?
										The second secon			



### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc	: USEPA/Westo	n Solution Snew / add to C	806 496
Coolers Received	31-12	IMH	01
Recorded by (initials/date)	☐ Cooler Qty Receiv	ved IR Gun (#94)	See Additional Cooler
WR le 24-08	Other / Sample /	Thermometer Used Digital Thermom Other (#	leter (#54) Information Form
Cooler No. Time 14:05	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
□ loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
□ bagged ice / avg 2-3 container:	bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers
□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
1 container	□ 1 container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
tb	tb	tb	tb
th location: representative / in ice	th location: representative / in ice	th location: representative / in ice	tb location: representative / in sce
2	2		1
3	3	1	3
Average °C /	Average °C	Average °C	Average °C
Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If an	shaded areas checked, complete	Sample Receiving Non-Conformance	ce Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	
	Custody Record(s)?	Average sample t	2001 M. L. 1000 J. 200 1000 C. 200
	o, COC initiated by	Completed Samp	le Preservation Verification Form?
	Lab signed/date/time?	Completed Samp  Samples preserve  If "No", added or  Received pre-pre	A CONTRACTOR OF THE CONTRACTOR
Shipping  Other	Document?	If "No", added or Received pre-pre	
COC ID Nos.		MeOl-	served VOC soils?  I D Na <sub>2</sub> SO <sub>4</sub>
		Check for Short Hold-Time Prep/	ACTOR CATEGORIES
9 TriMatrix /24/7/		Bacteriological	Kuaryses
124111		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No		☐ Green-tagged Containers	□ RECEIVED, COCs TO LAB(S)
Sample II	matches COC?	☐ Yellow/White-tagged 1L Ambers (SV	Prep-Lab)
	ite and time matches COC?	Notes	
	type completed on COC?	ALC DE LA CONTRACTOR DE	
The Contract	ner types indicated are received?		
Sample Condition Summary N/A Yes No	Non-TriMatrix containers, see Notes		
THE PARTY OF THE P	ntainers/lids?	pro property and the second se	
C Dioneil et	r incomplete labels?	☐ Trip blank received ☐ Trip b	lank not listed on COC
	nformation on labels?	☐ No COC received, Proj. Chemist revie	lank not listed on COC
1000	me received?	□ No analysis requested, Proj. Chemist revie	
	sate containers received?		Delivered (Date/Time) ≤1 Hour Goal Met?
	s have headspace?	6/24/08 14:05 6/241	
Extra sam	ple locations / containers not listed on COC?	1-12140 X 14:05 /2/241	108 14:08 Yes / No



July 01, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0806593 06/30/2008 WAP063008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Leathour

Enclosures(s)



Client:Weston Solutions, Inc. - IllinoisWork Order:0806593Project:Allied Paper, Kalamazoo, 20405.016.002Description:WAP063008Client Sample ID: APS-063008-31-SD/TS20101Sampled:06/30/08 13:35

0806593-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Received: Sediment 06/30/08 14:47 Prepared: Unit: mg/kg dry 06/30/08 By: ASC Dilution Factor: 1 Date Analyzed: 07/01/08 By: JLW

QC Batch: 0807729 Analytical Batch: 8070119

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.62 U	0.62	0.0079
11104-28-2	PCB-1221		0.62 U	0.62	0.014
11141-16-5	PCB-1232		0.62 U	0.62	0.016
53469-21-9	PCB-1242		0.62 U	0.62	0.031
12672-29-6	PCB-1248		0.62 U	0.62	0.010
11097-69-1	PCB-1254		0.62 U	0.62	0.0083
11096-82-5	PCB-1260		0.62 U	0.62	0.030
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		88	36-136		
Tetrachloro-m-xylene		86	46-120		



Weston Solutions, Inc. - Illinois Client: Work Order: 0806593 Project: Description: Allied Paper, Kalamazoo, 20405.016.002 WAP063008 Client Sample ID: APS-063008-31-SD/TS20101 Sampled: 06/30/08 13:35 0806593-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Sediment Received: 06/30/08 14:47

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	53	0.10	0.10	%	1	USEPA-3550B	06/30/08 KNC	0807767



0806593

WAP063008

Client: Weston Solutions, Inc. - Illinois Work Order:
Project: Allied Paper, Kalamazoo, 20405.016.002 Description:
Client Sample ID: APS-063008-31-SD-DP/TS20101 Sampled:

06/30/08 13:35 Lab Sample ID: 0806593-02 Sampled By: Michael Browning Matrix: Sediment Received: 06/30/08 14:47 Unit: mg/kg dry Prepared: 06/30/08 By: ASC By: JLW Dilution Factor: Date Analyzed: 07/01/08

QC Batch: 0807729 Analytical Batch: 8070119

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.62 U	0.62	0.0079
11104-28-2	PCB-1221		0.62 U	0.62	0.014
11141-16-5	PCB-1232		0.62 U	0.62	0.016
53469-21-9	PCB-1242		0.62 U	0.62	0.031
12672-29-6	PCB-1248		0.62 U	0.62	0.010
11097-69-1	PCB-1254		0.62 U	0.62	0.0083
11096-82-5	PCB-1260		0.62 U	0.62	0.030
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		90	36-136		
Tetrachloro-m-xylene		87	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0806593 Project: Description: Allied Paper, Kalamazoo, 20405.016.002 WAP063008 Client Sample ID: APS-063008-31-SD-DP/TS20101 Sampled: 06/30/08 13:35 0806593-02 Lab Sample ID: Sampled By: Michael Browning Matrix: Sediment Received: 06/30/08 14:47

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	53	0.10	0.10	%	1	USEPA-3550B	06/30/08 KNC	0807767



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		RPD imits RL	MDL
QC Batch: 0807729 3550B Sonicat	ion Extraction/	USEPA-8	082					
Method Blank						Analyzed:	07/01/2008	By: JLW
Unit: mg/kg wet						Analytical Batcl	n: 8070119	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				107	36-136			
Tetrachloro-m-xylene				98	46-120			
Laboratory Control Sample						Analyzed:	07/01/2008	By: JLW
Unit: mg/kg wet						Analytical Batcl	n: 8070119	
PCB-1254		0.167	0.178	107	73-125		0.33	0.0044
Surrogates								
Decachlorobiphenyl				106	36-136			
Tetrachloro-m-xylene				96	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B										
QC Batch: 0807767 (	QC Batch: 0807767 (General Inorganic Prep)					Analyzed: 06/30/2008 By: KNC					
Method Blank		0.1 U	%				0.1	0.1			
0806593-01 APS-06	3008-31-SD/TS20101										
Duplicate	53	54	%		1	20	0.1	0.1			



STATEMENT OF DATA QUALIFICATIONS										
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.									

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Chain of Custody Record

Phone (616) 975-4500 Fax (616) 942-7463

COC No. 124771

Test Matrix Group Code Samples Signature Laboratory Project No. 0806593 Receipt Log No. VOA Rack/Tray Michael Brownin Sampled By (print) Project Chem Weston Solutions, Inc For Lab Use Only Laboratory Sample Number PIL 0 Phone 312-424-3539 10 Address ZOH. Wacker, Suite 1210 9 APS-065008-31-58-DP/T520101 Weston 6/50/08 1335 Client Name APS-063008-31-50/TSZ8101 Western 6/50/08 1335 Chicago, IL 60606 How Shipped? (Hand) Mula Brown 130/08 1547 Tracking No. Sample ID www.trimatrixlabs.com Carrier Cooler ID Sample Sample
Date Time SOCIEDA PE Client Project No./P.O. No. Alliad Paper Contact/Report To Invoice No. Lisa Graczyk Client 2. Relinquished By Other (comments) 24- hour × TEO R Matrix 7 Sel 13 PCBs Date Date Container Type (corresponds to Container Packing List) Number of Containers Submitted Time Time Analyses Requested 3. Relinqu Total H Other (note below G MeOH F ZnAc/NaOH pH>9 D 1+1 HC1 pH<2 C H,SO, pH-2 B HNO, pH<2 A NONE pH~7 Page 1 of 1 PRESERVATIVES E NaOH pH>12 Sample Comments

TriMatrix Laboratories, Inc.	client Weston	RECEIVING / LOG-I	N CHECKLIST  OSO(0593
Coolers Received	Receipt Record Page/Line No. 41.9		M 76 3008 1-2
Recorded by (Initials/date)  WC U-30-08	Cooler Qty Receiv		
Cooler No. Time 1450	Cooler No. Time	Cooler No. Time	Cooler No. Time
none present / intact present / not intact Coolant Location: Dispersed Top / Middle / Bottom Coolant/Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers loue ice / avg 2-3 containers anone / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) l container	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers  blue ice / avg 2-3 containers  and avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) 1 container	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers  blue ice / avg 2-3 containers  none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) 1 container	Custody Seals  none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) l container
Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
th location: representative / in ice	th location: representative / in ice	tb location: representative / in ice	th location: representative / in ice
1 /2.8 - 12.8	1	1	1
11.8 - 11.8	2	2	2
Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?
If any s	shaded areas checked, complete Sai	mple Receiving Non-Conformance	
Paperwork Received  N/A Yes No Chain of Cu  If No, C	No COC received  Istody Record(s)?  COC initiated by D signed/date/time? cument?	heck Sample Preservation N/A Yes No Average sample te	mperature ≤6° C? Preservation Verification Form? correctly? nge tag? rved VOC soils?  □ Na <sub>2</sub> SO <sub>4</sub>

Paperwork Received  N/A Yes No  Chain of Custody Record(s)?  If No, COC initiated by  Rec'd for Lab signed/date/time?  Shipping Document?  Other	Check Sample Preservation  N/A Yes No  Average sample temperature ≤6° C?  Completed Sample Preservation Verification Form?  Samples preserved correctly?  If "No", added orange tag?
COC ID Nos.  TriMatrix   2477    Other (name or ID#)	Received pre-preserved VOC soils?  MeOH Na <sub>2</sub> SO <sub>4</sub> Check for Short Hold-Time Prep/Analyses Bacteriological Air Bags AFTER HOURS ONLY:
Check COC for Accuracy  Yes  No  Sample ID matches COC?	☐ EnCores / Methanol Pre-Preserved ☐ COPIES OF COC TO LAB AREA(S ☐ NONE RECEIVED ☐ RECEIVED, COCs TO LAB(S) ☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)
Sample date and time matches COC? Container type completed on COC? All container types indicated are received?  Sample Condition Summary Non-TriMatrix N/A Yes No containers, see Notes  Broken containers/lids? Missing or incomplete labels? Illegible information on labels? Low volume received? Inappropriate containers received? VOC vials have headspace? Extra sample locations / containers not listed on COC?	Notes  □ Trip blank received □ Trip blank not listed on COC □ No COC received, Proj. Chemist reviewed (init/date) □ No analysis requested, Proj. Chemist completed (init/date)  Cooler Received (Date/Time) Paperwork Delivered (Date/Time) ≤1 Hour Goal Met?



July 11, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0807143 07/09/2008 WAP070908, Sediment

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Leathour

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0807143

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP070908, Sediment

Client Sample ID: APS-070908-32-SD/TS20110

Lab Sample ID: 0807143-01 Matrix: Sediment Unit: mg/kg dry

Dilution Factor:

QC Batch: 0807835

Sampled: 07/09/08 09:20 Sampled By: Michael Browning Received: 07/09/08 14:33 Prepared: 07/09/08 By: ASC Date Analyzed: 07/10/08 By: JMK

Analytical Batch: 8071071

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.58 U	0.58	0.0074
11104-28-2	PCB-1221		0.58 U	0.58	0.013
11141-16-5	PCB-1232		0.58 U	0.58	0.015
53469-21-9	PCB-1242		0.58 U	0.58	0.029
12672-29-6	PCB-1248		0.51J	0.58	0.0094
11097-69-1	PCB-1254		0.76	0.58	0.0078
11096-82-5	PCB-1260		0.23J	0.58	0.028
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		85	36-136		
Tetrachloro-m-xylene	,	101	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0807143

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP070908, Sediment

Client Sample ID: **APS-070908-32-SD/TS20110** Sampled: 07/09/08 09:20

Lab Sample ID: **0807143-01** Sampled By: Michael Browning Matrix: Sediment Received: 07/09/08 14:33

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	56	0.10	0.10	%	1	USEPA-3550B	07/09/08	KNC	0808108



Weston Solutions, Inc. - Illinois Client: Work Order: 0807143

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP070908, Sediment

Client Sample ID: APS-070908-33-SD/TS20115

Lab Sample ID: 0807143-02 Matrix: Sediment Unit: mg/kg dry

Dilution Factor:

QC Batch: 0807835

Sampled: 07/09/08 11:23 Sampled By: Michael Browning Received: 07/09/08 14:33 Prepared: 07/09/08 By: ASC By: JMK Date Analyzed: 07/10/08

Analytical Batch: 8071071

			Analytical			
CAS Number	Analyte		Result	RL	MDL	
					_	
12674-11-2	PCB-1016		0.47 U	0.47	0.0060	
11104-28-2	PCB-1221		0.47 U	0.47	0.011	
11141-16-5	PCB-1232		0.47 U	0.47	0.012	
53469-21-9	PCB-1242		0.47 U	0.47	0.023	
12672-29-6	PCB-1248		0.50	0.47	0.0075	
11097-69-1	PCB-1254		0.28J	0.47	0.0062	
11096-82-5	PCB-1260		0.47 U	0.47	0.023	
Surrogates		% Recovery	Control Limits			
Decachlorobiphenyl		87	36-136			
Tetrachloro-m-xylene		108	46-120			



Client: Weston Solutions, Inc. - Illinois Work Order: 0807143

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP070908, Sediment

Client Sample ID: **APS-070908-33-SD/TS20115** Sampled: 07/09/08 11:23

Lab Sample ID: **0807143-02** Sampled By: Michael Browning Matrix: Sediment Received: 07/09/08 14:33

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC / Batch
Percent Solids	70	0.10	0.10	%	1	USEPA-3550B	07/09/08 KNC	0808108



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0807835 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	07/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8071071	
PCB-1016			0.33 U				0.33	0.0042
PCB-1221			0.33 U				0.33	0.0074
PCB-1232			0.33 U				0.33	0.0084
PCB-1242			0.33 U				0.33	0.016
PCB-1248			0.33 U				0.33	0.0053
PCB-1254			0.33 U				0.33	0.0044
PCB-1260			0.33 U				0.33	0.016
Surrogates								
Decachlorobiphenyl				88	36-136			
Tetrachloro-m-xylene				104	46-120			
Laboratory Control Sample						Analyzed:	07/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8071071	
PCB-1232		0.167	0.211	127	85-127		0.33	0.0084
Surrogates								
Decachlorobiphenyl				91	36-136			
Tetrachloro-m-xylene				108	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B										
QC Batch: 0808108 (	QC Batch: 0808108 (General Inorganic Prep)					Analyzed: 07/09/2008 By: KNC					
Method Blank		0.1 U	%				0.1	0.1			
0807143-01 APS-07	0908-32-SD/TS20110										
Duplicate	56	55	%		2	20	0.1	0.1			



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE. Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

**Chain of Custody Record** 

COCNo. 124781

* *	www.trimatrixlabs.com		
For Lab Use Only Cart		Analyses Requested	equested Page of
VOA Rack/Trav	Client Name Project Name		← PRESERVATIVES
	U.S. EPA/Weston Solution, Inc. Allied Paper		B HNO, pH<2
Receipt Log No.	Address 20N. W-cker, 50 to 1916 Client Project No. P.O. No. Chicago, IL 60606		C H,SO,pH-2 D 1+1 HCl pH-2
Project Chemist	Invoice No.	Other (comments)	E NaOH pH>12  F Znac/NaOH pH>1
Laboratory Project No.	Phone 312-424-3339 Contact/Report To Fax		H C
Test Matrix Laboratory Sample	Sample ID Cooler ID	C G Matrix	Total
rutorib roac Number	Date	- 73	
0/	1 APS-070908-32-50/TS20110 Wester 7/1/08 0920	0 1 52.1	
02	2 APS-070908-33-50/TS20115 Weston 7/9/08 1123	3 / 54. /	
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Sampler's Signature	How Shipped? (Hand) Carrier Comments.	24-hour	
Company	1. Relinquished By Date Time 2. Relinquished By	ished By Date Time 3. Relinquished By	ished By Date Time
Weston Solutions, Inc.	I. Received By Date	dBy Date Time 3.Resemp	d For Lay By Date Time
		A San	May 11/101 1100

<b>A</b> TriMatrix	
Laboratories, Inc.	

### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc	. Wester	1		new /	add to	ot-Submittal No.	143	
Coolers Received	Receipt Record Page/Line No	0.		Project C	hemist Samp	le Nas.	, , ,	
Recorded by (initials/date)	Cooler	Or P	-1	- $ m $		1-0		
	D Box	Qty Receiv			Gun (#94)		Can Additi	mal Cast
LR 7/9/01	Other_	_ /	Thermomete	r Used D	igital Thermo ther (#	meter (#54)		onal Coole ion Form
Cooler No. Time	Cooler No. T	ime	Cooler No.	Ti	me	Cooler No.	Ti	me
Custody Seals	Custody Seals		Custoda Sanla					
□ none	□ none		Custody Seals			Custody Seals		
present / intact	present / intact		non non	S. C.		non non	e	
present / not intact	7557		- CO CO.	ent / intact		□ pres	sent / intact	
Coolant Location:	present / not intac	CI	Commentation 1 day	ent / not intact		□ pres	ent / not intact	
Dispersed / Top / Middle / Bottom	Coolant Location:		Coolant Locat		Section .	Coolant Locat	ion:	
Coolant/Temperature Taken Via:	Dispersed / Top / Mic			ed / Top / Mide		Disperse	ed / Top / Mide	ile / Bottor
	Coolant / Temperature Take		Coolant / Tem	perature Taker	Via:	Coolant / Tem		
loose ice / avg 2-3 containers	loose ice / avg 2-3		□ loos	e ice / avg 2-3	containers		e ice / avg 2-3	
bagged ice / avg 2-3 containers				ged ice / avg 2-			ged ice / avg 2-	
blue ice / avg 2-3 containers	□ blue ice / avg 2-3	containers		ice / avg 2-3 c			ice / avg 2-3 c	
none / avg 2-3 containers	none / avg 2-3 cor	ntainers		avg 2-3 cont			/ avg 2-3 cont	
Alternate Temperature Taken Via:	Alternate Temperature Taker	n Via:	Alternate Temp			Alternate Temp		
temperature blank (tb)	temperature blank	(tb)	- 0.4400 / 900 - 50 / 90	erature blank (	100000	The second second second second second	erature blank (	110
□ 1 container	□ 1 container		D 1 con		(10)	□ 1 cor		(0)
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C
	tb		tb			ets.	ractor C	
location; representative / in ice	th location: representative / in ice	Mark Street	th location: represe	ntative / in ice		th location: represe	estation / in les	
10.2 - 10.2	t .		1				and a sec	
10.3 - 10.3	2		2			2		
	3		2			-		
Average °C			12			1		
	Average °C		2	Average °C		3	Average %C	
Cooler ID on COC? 10.3	Average °C		Cooler ID	Average °C		Cooler ID	Average °C	
Cooler ID on COC? 10.3	The second secon		THE REAL PROPERTY.	The state of the s		Cooler ID	on COC?	
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Cooler ID on COC?  VOC trip blank received?  If any  Aperwork Received  N/A Yes No  Chain of Cooler If No,  Rec'd for La  Shipping Do  Other  C ID Nos.  TriMatrix /24/78/  Other (name or ID#)  The COC for Accuracy  Yes No  Sample ID m  Sample date a  Container typ  All container  Inple Condition Summary  N/A Yes No	Cooler ID on COC? VOC trip blank received shaded areas checked, c  No COC rece ustody Record(s)? COC initiated by b signed/date/time? comment?  No analysis relations COC? and time matches COC? types indicated are received? Non-TriMatrix containers, see	omplete Sa	mple Receiving Check Sample N/A Yes  D D D D D D D D D D D D D D D D D D	on COC?  ong Non-Co  e Preservat  No  Aver  Com  is Samp  If "No  Recei  rt Hold-Tin  ical  Methanol Pre- de/Aldehyde d Containers	nformance ion age sample te pleted Sample oles preserved o", added ora ived pre-prese MeOH ne Prep/A	e Form  emperature ≤6° C? e Preservation Ver correctly? nge tag? erved VOC soils? □ Na₂SO nalyses  AFTER I COPIES OF CO □ NONE REC □ RECEIVED	on COC?  plank received?  rification Form  Outside To LAB A  EVELVED	? Y: REA(S)
All container typ  N/A Yes No  Chain of Co.  If No.,  Rec'd for La  Shipping Do.  Other  Other (name or ID#)  Reck COC for Accuracy  Yes No  Sample date a  Container typ  All container  mple Condition Summary  N/A Yes No  Broken contain	Cooler ID on COC? VOC trip blank received shaded areas checked, co No COC rece ustody Record(s)? COC initiated by b signed/date/time? coursent?  No analysis received? atches COC? and time matches COC? types indicated are received? Non-TriMatrix containers, see iners/lids?	omplete Sa	mple Receiving theck Sample N/A Yes      Sample N/A Yes	on COC?  ong Non-Co  e Preservat  No  Aver  Com  is Samp  If "No  Recei  rt Hold-Tin  ical  Methanol Pre- de/Aldehyde d Containers	nformance ion age sample te pleted Sample oles preserved o", added ora ived pre-prese MeOH ne Prep/A	e Form  emperature ≤6° C? e Preservation Ver correctly? nge tag? erved VOC soils? □ Na₂SO nalyses  AFTER I COPIES OF CO □ NONE REC □ RECEIVED	on COC?  plank received?  rification Form  Outside To LAB A  EVELVED	? Y: REA(S)
Cooler ID on COC?  VOC trip blank received?  If any  Aperwork Received  N/A Yes No  Chain of Cooler If No,  Rec'd for La  Shipping Doo Other  CID Nos.  TriMatrix /24/78/  Other (name or ID#)  All container typ  All container  Inple Condition Summary  N/A Yes No  Broken contain  Missing or ince	Cooler ID on COC? VOC trip blank received shaded areas checked, c  No COC rece ustody Record(s)? COC initiated by b signed/date/time? comment?  No analysis relations COC? and time matches COC? types indicated are received? Non-TriMatrix containers, see iners/lids? complete labels?	omplete Sa sived C	mple Receiving theck Sample N/A Yes      Sample N/A Yes	on COC?  olank received?  ong Non-Co  e Preservat  No  Aver  Com  Samp  If "No  Recei  rt Hold-Tin  ical  Methanol Pre-  de/Aldehyde  d Containers  te-tagged IL A	nformance ion age sample te pleted Sample oles preserved o", added ora ived pre-prese ome MeOH ne Prep/A	Preservation Versile to Prese	on COC?  colank received?  cification Form  colon To LAB A  EIVED  COCs TO LA	? Y: REA(S)
Cooler ID on COC?  VOC trip blank received?  If any  Aperwork Received  N/A Yes No  Chain of Cooler If No,  Rec'd for La  Shipping Doo  Other  CID Nos.  TriMatrix /24/78/  Other (name or ID#)  Trimeck COC for Accuracy  Yes No  Sample date a Container typ  All container  Illegible infor	Cooler ID on COC? VOC trip blank received shaded areas checked, co No COC rece ustody Record(s)? COC initiated by b signed/date/time? comment?  No analysis received? and time matches COC? types indicated are received? Non-TriMatrix containers, see iners/lids? complete labels? mation on labels?	omplete Sa sived C	mple Receiving theck Sample N/A Yes      N/A Yes	on COC?  olank received?  ong Non-Co  e Preservat  No  Aver  Com  Samp  if "N.  Recei  rt Hold-Tin  ical  Methanol Pre-  de/Aldehyde  d Containers  te-tagged IL A	nformance ion age sample te pleted Sample bles preserved o", added ora ived pre-prese MeOH ne Prep/A  Preserved  Trip blan	where the properties of the p	on COC?  colank received?  cification Form  colon To LAB A  EIVED  COCs TO LA	? Y: REA(S)
aperwork Received  N/A Yes No  Rec'd for La  Shipping Do Other  Other (name or ID#)  Container typ  All container  Missing or inc	Cooler ID on COC? VOC trip blank received shaded areas checked, co No COC rece ustody Record(s)? COC initiated by b signed/date/time? comment?  No analysis received? and time matches COC? types indicated are received? Non-TriMatrix containers, see iners/lids? complete labels? mation on labels? metion on labels? received?	omplete Sa vived C  quested No	mple Receiving theck Sample N/A Yes      N/A Yes	on COC?  olank received?  ong Non-Co  e Preservat  No  Aver  Com  Samp  if "N.  Recei  rt Hold-Tin  ical  Methanol Pre-  de/Aldehyde  d Containers  te-tagged IL A  ceived  ceived  ceived  ceived  ceived  Com  Com  Com  Com  Com  Com  Com  Co	nformance ion age sample te pleted Sample bles preserved o", added ora ived pre-prese MeOH ne Prep/A  Preserved  Trip blan emist review.	where the properties of the p	on COC?  clank received?  diffication Form  diffication Form  DOC TO LAB A  EIVED  COCs TO LA	? Y: REA(S)
A Yes No Cother (name or ID#)  TriMatrix / 2478/  Other (name or ID#)	Cooler ID on COC? VOC trip blank received shaded areas checked, complete labels? The complete labels? The containers received? The cooler ID on COC? Types indicated are received?	omplete Sa	mple Receiving theck Sample N/A Yes      N/A Yes	on COC?  olank received?  ong Non-Co  e Preservat  No  Aver  Com  Samp  if "No  Recei  rt Hold-Tin  ical  Methanol Pre-  de/Aldehyde  d Containers  te-tagged IL A  ceived  ceived  ceived, Proj. Ch  equested, Proj. Ch  equested, Proj. Ch	nformance ion  age sample te pleted Sample bles preserved o", added ora ived pre-prese meOH ne Prep/A  Preserved  Trip blan emist reviewe Chemist cor	where the properties of the p	on COC?  clank received?  clification Form  clification Form	Y: REA(S)
Accorded ID on COC?  VOC trip blank received?  If any  aperwork Received  N/A Yes No  Chain of Color If No.  Rec'd for La  Shipping Do Other  Other (name or ID#)  Deck COC for Accuracy  Yes No  Sample ID m Sample date a Container typ All container  mple Condition Summary  N/A Yes No  Broken container  Missing or inc Mis	Cooler ID on COC? VOC trip blank received shaded areas checked, complete labels? The complete labels? The containers received? The cooler ID on COC? Types indicated are received?	omplete Sa	mple Receiving theck Sample N/A Yes      N/A Yes	on COC?  olank received?  ong Non-Co  e Preservat  No  Aver  Com  Samp  if "No  Recei  rt Hold-Tin  ical  Methanol Pre-  de/Aldehyde  d Containers  te-tagged IL A  ceived  ceived  ceived, Proj. Ch  equested, Proj. Ch  equested, Proj. Ch	nformance ion  age sample te pleted Sample bles preserved o", added ora ived pre-prese meOH ne Prep/A  Preserved  Trip blan emist reviewe Chemist cor	reperature ≤6° C?  e Preservation Ver e Preservation Ver e correctly? nge tag?  reved VOC soils?  Na₂SO  nalyses  AFTER I  COPIES OF CO  NONE REC  RECEIVED  RECEIVED  rep-Lab)	on COC?  clank received?  diffication Form  diffication Form  DOC TO LAB A  EIVED  COCs TO LA	Y: REA(S) AB(S)



July 15, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0807180 07/10/2008 WAP071008, Water Sample

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0807180

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP071008, Water Sample

Client Sample ID: **APS-071008-03-WT/TS30050** Sampled: 07/10/08 11:30

Lab Sample ID:0807180-01Sampled By:Michael BrowningMatrix:WaterReceived:07/10/08 14:15

Unit: ug/L Prepared: 07/11/08 By: BJH
Dilution Factor: 1 Date Analyzed: 07/11/08 By: JMK

QC Batch: 0808174 Analytical Batch: 8071410

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.20 U	0.20	0.050
11104-28-2	PCB-1221		0.20 U	0.20	0.068
11141-16-5	PCB-1232		0.20 U	0.20	0.031
53469-21-9	PCB-1242		0.20 U	0.20	0.035
12672-29-6	PCB-1248		0.20 U	0.20	0.040
11097-69-1	PCB-1254		0.20 U	0.20	0.034
11096-82-5	PCB-1260		0.20 U	0.20	0.034
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		94	<i>30-115</i>		
Tetrachloro-m-xylene		61	43-115		



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		RPD imits RL	MDL
QC Batch: 0808174 608 Liquid/Liq	uid Extraction/	USEPA-60	)8					
Method Blank						Analyzed:	07/11/2008	By: JMK
Jnit: ug/L						Analytical Batch	n: 8071410	
PCB-1016			0.20 U				0.20	0.050
PCB-1221			0.20 U				0.20	0.068
PCB-1232			0.20 U				0.20	0.031
PCB-1242			0.20 U				0.20	0.035
PCB-1248			0.20 U				0.20	0.040
PCB-1254			0.20 U				0.20	0.034
PCB-1260			0.20 U				0.20	0.034
Surrogates								
Decachlorobiphenyl				109	<i>30-115</i>			
Tetrachloro-m-xylene				86	43-115			
Laboratory Control Sample						Analyzed:	07/11/2008	By: JMK
Jnit: ug/L						Analytical Batch	n: 8071410	
PCB-1232		1.00	1.21	121	72-123		0.20	0.031
Surrogates								
Decachlorobiphenyl				108	<i>30-115</i>			
Tetrachloro-m-xylene				74	43-115			



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

# **Chain of Custody Record**

COCNo. 124772

Company	Sampled By (print) Michael T. Browning Sampler Signature The Learning										10 W B	Test Matrix Laboratory Sample Group Code Number	7180			VOA Rack/Tray	Carr	For Lab Use Only
Malway Howy Tho/08 1415	How Shipped? (Hand) Carrier.  Tracking No.	10	9	<b>*</b>	7	6	S	4	ین	2	APS-071008-03-Wyts30050 Westen 7/1968	Sample ID	Phone 35 312-424-3339	MTB	Address 20 N. Wacker, Svite 1210 Chicago, IL 60606	V.S. EPA/ Weston Solutions		
5/08 1415											Western 7/1968	Cooler ID Sample Date	Lisa Gra	Invoice No.	Client Project No./P.O. No.	Allied Paper	SOAHED HAN	
2. Rolinguished By 2. Rolinguished By	Comments										1130	Sample of Time P	Lisa Graczyk	□ Client □ Other (comments)	Vo./P.O. No.	aper	800F	
											×	B Matrix						
Date Time	Turnaround										1		Container Type (corresp	PCB	S			Ana
3. Relinquished By												Number of Containers Submitted	Container Type (corresponds to Container Packing List)				Josephan	Analyses Requested
By Date Time												Total Sample Comments	H Other (note below)	F ZnAc/NaOH pH>9	D 1+1 HC1 pH<2	A NONE pH~7 B HNO, pH<2	PRESERVATIVES	Page of I



### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	EPA Weston Solu Receipt Record Page Line No.	tions new / add to	ubmittal No 0807180
Coolers Received	Receipt Record Page/Line No.	Project Chemist Sample 1	01 WARDTIBOS
Recorded by (initials/date)	☐ Cooler	9 .11	OT COTETION
	□ Box	Thermometer Used Digital Thermom	eter (#54) See Additional Cooler
CR 7/10/08	Other	Other (#	Information Form
Cooler No. 158 Time 1415	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none none	none	72	
present / intact	present / intact	none none	none
present / not intact	present / not intact	present / intact	present / intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Qispersed Top / Middle / Bottom	Dispersed / Top / Middle / Bottom		2010 CO 10 C
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via:	Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via:
☐ Igose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers
□ blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	blue ice / avg 2-3 containers
none / avg 2-3 containers			
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
1 container	1 container	1 container	1 container
Recorded °C Correction Factor °C Actual °C			
tb.	th	th the state of th	tb
to location: representative / in ice	th location: representative / in ice	th location: representative / in ice	th location: representative / in ice
14.2 - 14.2	1	1	L
2 13.6 - 13.6	2	2	2
	3	3	3
Average °C 13-9	Average °C	Average °C	Average °C
Cooler ID on COC?  VOC trip blank received?	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
U VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete S	ample Receiving Non-Conformance	e Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A Yes No	
	ustody Record(s)?	☐ Average sample t	emperature ≤6° C?
	COC initiated by		le Preservation Verification Form?
	ab signed/date/time?	Samples preserve	
Shipping D	ocument?	If "No", added or	
COC ID Nos.		MeOI	served VOC soils?  Na <sub>2</sub> SO <sub>4</sub>
		Check for Short Hold-Time Prep/A	
TriMatrix /54777	CORDUS TO THE RESIDENCE OF THE PARTY OF THE	Bacteriological	Charyses
TriMatrix /24772		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)	215 11 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	NONE RECEIVED
Yes No		☐ Green-tagged Containers	☐ RECEIVED, COCs TO LAB(S)
Sample ID:	matches COC?	☐ Yellow/White-tagged 1L Ambers (SV	
Sample ID: Sample date Container by	e and time matches COC?	Notes	
Container ty	ype completed on COC?		
And the second s	er types indicated are received?		
Sample Condition Summary	□ Non-TriMatrix		
N/A Yes No	containers, see Notes		
	tainers/lids?	3200 000 pg 60 NA On Copp pt.40 A	
	incomplete labels?		ank not listed on COC
	formation on labels?	No COC received, Proj. Chemist review	
- Lon totali		No analysis requested, Proj. Chemist	
	te containers received? have headspace?	Cooler Received (Date/Time) Paperwork	Delivered (Date/Time) ≤1 Hour Goal Met?
	STATE OF THE STATE	7/10/08 1415 7/101	08 1419 Yes / No
L Extra sample	le locations / containers not listed on COC?	1/10/00 1713 1/10/	00 1711



August 07, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0808089 08/06/2008 Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0808089

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-080608-34-SD/TS20142 Sampled: 08/06/08 14:40

0808089-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Received: Sediment 08/06/08 16:24 Prepared: Unit: mg/kg dry 08/07/08 By: ASC Dilution Factor: 10 Date Analyzed: 08/07/08 By: JMK

QC Batch: 0809110 Analytical Batch: 8080738

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.50 U	0.50	0.11
11104-28-2	PCB-1221		0.50 U	0.50	0.16
11141-16-5	PCB-1232		0.50 U	0.50	0.17
53469-21-9	PCB-1242		0.50 U	0.50	0.081
12672-29-6	PCB-1248		4.3	0.50	0.22
11097-69-1	PCB-1254		1.6	0.50	0.12
11096-82-5	PCB-1260		0.50 U	0.50	0.085
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		63	36-136		
Tetrachloro-m-xylene	9	104	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808089

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-080608-34-SD/TS20142 Sampled: 08/06/08 14:40

Lab Sample ID: 0808089-01 Sampled By: Michael Browning Matrix: Sediment Received: 08/06/08 16:24

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	65	0.10	0.10	%	1	USEPA-3550B	08/07/08 H	KNC	0809294



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0809110 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank						Analyzed:	08/07/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8080738	
PCB-1016			0.033 U				0.033	0.0070
PCB-1221			0.033 U				0.033	0.011
PCB-1232			0.033 U				0.033	0.011
PCB-1242			0.033 U				0.033	0.0053
PCB-1248			0.033 U				0.033	0.014
PCB-1254			0.033 U				0.033	0.0078
PCB-1260			0.033 U				0.033	0.0056
Surrogates								
Decachlorobiphenyl				66	36-136			
Tetrachloro-m-xylene				103	46-120			
Laboratory Control Sample						Analyzed:	08/07/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8080738	
PCB-1242		0.167	0.170	102	73-118		0.033	0.0053
Surrogates								
Decachlorobiphenyl				64	36-136			
Tetrachloro-m-xylene				100	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0809294 (	(General Inorganic Prep)			Analyz	ed: 08/0	07/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0808089-01 APS-08	0608-34-SD/TS20142						
Duplicate	65	66	%	1	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

## Chain of Custody Record

COCNo. 124779

Browning 10	10 9			00	7	6	cs.	4		2	1 ARS-0806	Group Code Number		Laboratory Project No. Phone 312-424-3539	Project Chemist	Receipt Log No. Address 20 N. W	VOA Rack/Tray  Client Name  U. S.EFA / We		For Lab Use Only
How Shipped? (Hand) Carrier Tracking No.  1. Refinagashed By Date	Hand										1 APS-080608-34-50/TS20142 Weston 8/6/08 1440 X	Sample ID		4.3539		Chicago IL 60606	U. S.EPA / Westen Solutions Inc.		
Time											Weston 8/	Cooler ID S	Lis	Contact/	Invoice No.		-		
	/		0								80/9	Sample Date	20	Contact/Report To		roject No	Name JRag		
2. Relinquished By		ZYTA	Comments								1440	Sample	Lisa Graczyk	9	□ Client □ Other (comments)	/P.O. No.	Allied Paper		
	~	TAT									×	B>20	*		omments)				
	Date	U)									Stal. 1	Matrix 17	Con	1	Pc	B.			
Time												Z	tainer Typ			-			
	6											nber of C	e (corresp	1				Dilla	4
The same	3. Relin											Number of Containers Submitted	Container Type (corresponds to Container Packing List)	-	_			Allalyses requested	vices 1
3. Relinquished By												Submittee	ontainer F	1		-		veduc	Dague
						Ų							acking L	1	-			Sico	
	Date					14.			311			Total	St)	-			-		
	Tunc							224				si Sample Comments	H Other (note below)	G MeOH	E NaOH pH>12  F ZnAc/NaOH pH>9	C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HC1 pH<2	A NONE pH-7 B HNO, pH-2	SERV	Page of

▲ Tr	iMatrix oratories, Inc.
Lab	oratories, Inc.

### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	Client Weston Solut	ions, Inc. new / add to	Submittal No. 0808089
Coolers Received	Receipt Record Page/Line No.	Project Chemist Sample	Nos. O l
Recorded by (initials/date)	Cooler Oty Receiv		
LR 8/6/08	Box /	Thermometer Used Digital Thermon	See Additional Cooler Information Form
Cooler No. Time /1624	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Sarls	Cartera
Ø none	none	Custody Seals	Custody Seals
present / intact	present / intact	present / intact	none none
present / not intact	present / not intact	present / not intact	present / intact
Coolant Location:	Coolant Location:	Coolant Location	Coolant Location:
Dispersed Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers		□ bagged ice / avg 2-3 containers
☐ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:	Alternate Temperature Taken Via
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	☐ I container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
db .	tb	tb	tb
th location: representative / in ice	th location: representative / in ice	to location: representative / in ice	th location: representative / in ice
19.7 - 9.7	T .	1)	1
3	2	2	2
Average °C 0	Average °C	Average °C	Average °C
Average °C 9.7	Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?
□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
			10.73
		Sample Receiving Non-Conformance	e Form
Paperwork Received N/A Yes No	□ No COC received	Check Sample Preservation	
	ustody Record(s)?	N/A Yes No	
	COC initiated by		emperature ≤6° C?
	b signed/date/time?	Completed Samp Samples preserve If "No", added or	le Preservation Verification Form?
Shipping Do		If "No", added or	
Other_		Received pre-pre	served VOC soils?
COC ID Nos.		□ MeOH	
10 1000		Check for Short Hold-Time Prep/	A CONTRACTOR OF THE PROPERTY O
□ TriMatrix /24779		☐ Bacteriological	
		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No		Green-tagged Containers	RECEIVED, COCs TO LAB(S)
	natches COC? and time matches COC?	☐ Yellow/White-tagged 1L Ambers (SV	Prep-Lab)
Container ty	pe completed on COC?	Notes	
	r types indicated are received?	11/6 /100	chemist is aware
Sample Condition Summary	□ Non-TriMatrix	24 Nr Furn	chemist is aware of Sample 3 has
N/A Yes No	containers, see Notes		coe.
Broken cont	CONTROL OF THE PROPERTY OF THE		Co C
	ncomplete labels?	☐ Trip blank received ☐ Trip b	ank not listed on COC
The state of the s	ormation on labels?	□ No COC received, Proj. Chemist revie	
□ □ Low volume		☐ No analysis requested, Proj. Chemist of	A CONTROL OF THE CONT
	e containers received?		Delivered (Date/Time) \$1 Hour Goal Met?
	ave headspace?	0/1/20 11 21/ 8//	C III V
D Extra sample	locations / containers not listed on COC?	8/4/08 1624 8/4/0	8 /6:30 (Yes) No



August 13, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0808214 08/12/2008 WAP081208

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0808214

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP081208

Client Sample ID: APS-081208-35-SD/TS20150 Sampled: 08/12/08 14

08/12/08 14:33 Lab Sample ID: 0808214-01 Sampled By: Michael Browning Matrix: Received: Sediment 08/12/08 16:20 Prepared: Unit: mg/kg dry 08/13/08 By: BJH Dilution Factor: Date Analyzed: 08/13/08 By: JMK

OC Databa 0000442

QC Batch: 0809442 Analytical Batch: 8081339

### \*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.16 U	0.16	0.033
11104-28-2	PCB-1221		0.16 U	0.16	0.051
11141-16-5	PCB-1232		0.16 U	0.16	0.051
53469-21-9	PCB-1242		0.87	0.16	0.025
12672-29-6	PCB-1248		0.16 U	0.16	0.066
11097-69-1	PCB-1254		0.49	0.16	0.037
11096-82-5	PCB-1260		0.16 U	0.16	0.026
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		67	36-136		
Tetrachloro-m-xylene		64	46-120		

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0808214 Project: Description: WAP081208 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-081208-35-SD/TS20150 Sampled: 08/12/08 14:33 Lab Sample ID: 0808214-01 Sampled By: Michael Browning Matrix: Sediment Received: 08/12/08 16:20

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	42	0.10	0.10	%	1	USEPA-3550B	08/12/08 KNC	0809435



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limi	s RL	MDL
QC Batch: 0809442 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	08/13/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8081339	
PCB-1016			0.033 U				0.033	0.0070
PCB-1221			0.033 U				0.033	0.011
PCB-1232			0.033 U				0.033	0.011
PCB-1242			0.033 U				0.033	0.0053
PCB-1248			0.033 U				0.033	0.014
PCB-1254			0.033 U				0.033	0.0078
PCB-1260			0.033 U				0.033	0.0056
Surrogates								
Decachlorobiphenyl				98	36-136			
Tetrachloro-m-xylene				92	46-120			
Laboratory Control Sample						Analyzed:	08/13/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8081339	
PCB-1242		0.167	0.156	93	73-118		0.033	0.0053
Surrogates								
Decachlorobiphenyl				106	36-136			
Tetrachloro-m-xylene				94	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B				
QC Batch: 0809435	(General Inorganic Prep)			Analyzed: 08/12/2008 By: KNC	
Method Blank		0.1 U	%	0.1	0.1
0808214-01 APS-08	1208-35-SD/TS20150				
Duplicate	42	42	%	0.2 20 0.1	0.1



### STATEMENT OF DATA QUALIFICATIONS

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

**Qualification:** The RL is elevated due to the percent solids content of the sample.

Analysis: USEPA-8082

Sample/Analyte: 0808214-01 APS-081208-35-SD/TS20150

## TriMatrix 5 Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
Chai

# **Chain of Custody Record**

COCNo. 124777

A paporatorico, me	www.trimatrixlabs.com		THE REAL PROPERTY.
For Lab Use Only		Analyses Requested	Page   of
			PRESERVATIVES
VOA Rack/Tray	Client Name Project Name  All 18		A NONE pH-7
Receipt Log No.	Address 20 N. Wasker Drive Svit 1210 Client Project No. 120. No.		C H.SO, pH<2
11.12			D 1+1 HC1 pH<2
-11 %	Invoice No.	CCBs	E NaOH pH>12  F ZnAc/NaOH pH>9
	Phone 312-424-3339 Contact/Report To	P	G MeOH
8214	Fix Lisa Graczyk	Container Type (corresponds to Container Packing List)	H Other (note below)
Test Matrix Laboratory Sample Group Code Number	Sample ID Cooler ID Sample Sample O R M	Matrix 7	al Sample Comments
2	0 14 14 14 14 14 14	Posititions of contrasting in sections.	
-			
	3		
	4		
	Us.		
	•		
	7		
	***************************************		
	9		
	10		
Sampled By (print) Michael Browning	How Shipped? Hand Carrier Com		
Sampler's Signature  Medical Browns	Tracking No. (24-hour 1A)	(AI)	
Company	Millard Browny 3/12/68 1620	Date Time 3. Relinquished By Date	Time
Weston Solotions, Inc.	1. Received By Date	Date Time By Date	081208 1620
			1

	TriMatrix
44	Laboratories, Inc.
Coolers	Received
Recorded	by (initials/date)

### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	Westen	new / add to	Submittal No. 0808214
Coolers Received	Receipt Record Page/Line No.	Project Chemist Sample	Nos.
Recorded by (initials/date)	☐ Cooler Qty Receive		-UI
	D Box	Thermometer Used Digital Thermon	neter (#54) See Additional Cooler
MH 8.12.08	Other_	Other (#	Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
1625			
Custody Seals Client	Custody Seals	Custody Seals	Custody Seals
none Took	none	none	none
present / intact coole.	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed Top Middle Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Botton
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 container
blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Actual °C
do	to	th	th
th location: representative / in soe	th location: representative / in ice	to location: representative / in ice	th location: representative / in ice
-9.1 - 9.1	1	1	1
	2	2	2
3	3	3	3
Average °C	Average °C	Average °C	Average °C
Cooler ID on COC?	Cooler ID on COC?	Cooler ID on COC?	☐ Cooler ID on COC?
☐ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	☐ VOC trip blank received?
If any	shaded areas checked, complete S	ample Receiving Non-Conformance	e Form
Paperwork Received		Check Sample Preservation	
N/A Yes No		N/A Yes No	
Chain of C	ustody Record(s)?	Average sample t	emperature <6° C7
	COC initiated by	A MARKET CO.	le Preservation Verification Form?
Rec'd for La	b signed/date/time?	Samples preserve	
Shipping Do	ocument?	If "No", added on	
Other			served VOC soils?
COC ID Nos.		☐ MeOH	□ Na <sub>2</sub> SO <sub>4</sub>
TriMatrix 12477		Check for Short Hold-Time Prep/A  Bacteriological	analyses
		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No	The state of the s	☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
Sample ID n		☐ Yellow/White-tagged IL Ambers (SV	
		Notes /	
	pe completed on COC?	Pida TAT	
	types indicated are received?	Roan VI	
Sample Condition Summary	□ Non-TriMatrix		
N/A Yes No	containers, see Notes		
Broken conta			
	ncomplete labels?		ank not listed on COC
	rmation on labels?	□ No COC received, Proj. Chemist revie	
Low volume		<ul> <li>No analysis requested, Proj. Chemist c</li> </ul>	
The state of the s	containers received?	Cooler Received (Date/Time) Paperwork I	Delivered (Date/Time) SI Hour Goal Met?
VOC vials h		9-17-08 HAN & M	08 1/21 (Yes V No
Extra sample	locations / containers not listed on COC?	1200 1020 012	revision 76



August 18, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0808306 08/15/2008 WAP081508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Leathour

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0808306

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP081508

Client Sample ID: ARS 081508 36 SD (T030154) Sampled: 08/15/08/13

 Client Sample ID: APS-081508-36-SD/T920154
 Sampled: 08/15/08 13:38

 Lab Sample ID: 0808306-01
 Sampled By: M.Browning

 Matrix: Sediment
 Received: 08/15/08 15:40

 Unit: mg/kg dry
 Prepared: 08/15/08 By: BJH

Unit: mg/kg dry
Dilution Factor: 4

QC Batch: 0809442 Analytical Batch: 8081820

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Date Analyzed:

08/15/08

By: JMK

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		3.3 U	3.3	0.070
11104-28-2	PCB-1221		3.3 U	3.3	0.11
11141-16-5	PCB-1232		3.3 U	3.3	0.11
53469-21-9	PCB-1242		2.3 J	3.3	0.053
12672-29-6	PCB-1248		3.3 U	3.3	0.14
11097-69-1	PCB-1254		1.0J	3.3	0.078
11096-82-5	PCB-1260		3.3U	3.3	0.056
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		104	36-136		
Tetrachloro-m-xylene	<del>,</del>	102	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808306 Project: Description: WAP081508 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-081508-36-SD/T920154 Sampled: 08/15/08 13:38 Lab Sample ID: 0808306-01 Sampled By: M.Browning Matrix: Sediment Received: 08/15/08 15:40

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed B	QC SV Batch
Percent Solids	40	0.10	0.10	%	1	USEPA-3550B	08/15/08 KN	C 0809633



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0809442 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	08/15/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8081820	
PCB-1016			0.33 U				0.33	0.0070
PCB-1221			0.33 U				0.33	0.011
PCB-1232			0.33 U				0.33	0.011
PCB-1242			0.33 U				0.33	0.0053
PCB-1248			0.33 U				0.33	0.014
PCB-1254			0.33 U				0.33	0.0078
PCB-1260			0.33 U				0.33	0.0056
Surrogates								
Decachlorobiphenyl				95	36-136			
Tetrachloro-m-xylene				96	46-120			
Laboratory Control Sample						Analyzed:	08/15/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8081820	
PCB-1242		0.167	0.161	97	73-118		0.33	0.0053
Surrogates								
Decachlorobiphenyl				103	36-136			
Tetrachloro-m-xylene				100	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B								
QC Batch: 0809633 (	(Method-Specific Preparation)				Analyz	ed: 08/1	15/2008 By: KNC		
Method Blank		0.1 U	%				0.1	0.1	
0808306-01 APS-08	0808306-01 APS-081508-36-SD/T920154								
Duplicate	40	40	%		1	20	0.1	0.1	



STATEMENT OF DATA QUALIFICATIONS											
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.										

## TriMatrix SLABORATORIES, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com Chain of Custody Record

COCNo. 124776

Westen	Company	Michael Brawning								-01	Test Matrix Laboratory Sample Group Code Number	NOSSORO	Laboratory Project No.	Project Chemist LXH	Receipt Log No. 17-15	VOA Rack/Tray	Control	For Lab Use Only
	1. Relinquished By Date 8/11	How Shipped? (land) Carrier Tracking No.	10	9	98 74	6	O)	25 10	1 102	1 APS-081509-36-50/+920154	Sample ID	Fax	Phone 312-424-3339	C,	Chicago IL 60606	U.S. EPA/Westen Solution, Inc.		
ie Tinu	Date Time									Weston 8/15/08 1338 X	Cooler ID Sample Date	Lisa Graczyk	Contact/Report To	Invoice No.		Inc. Allied Paper	a dem	
2. Received By	2. Relinquished By	24-hour T									Sample C G Time M A A	fac zyk	To	□ Client □ Other (comments)	No./P.O. No.	aper	395180 AVM	
Date	Date	or TAT								Sed. V	Matrix	Container'	1 1 1	PCE	Bs			
Time 3. When you Find Lab By	Time 3. Relinquished By										Number of Containers Submitted	Container Type (corresponds to Container Packing List)						Analyses Requested
Dute Time 8/15/68 15/40	Date Time										Total Sample Comments	H Other (note below)	G MeOH	F ZnacNaOHpH>9	C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HC1 pH<2	B HNO, pH-2	← PRESERVATIVES	Page 1 of



August 25, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0808431 08/22/2008 Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0808431

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082108-37-SD/TS20174 Sampled: 08/21/08 13:43

0808431-01 Lab Sample ID: Sampled By: Kelly Hudson Matrix: Received: Sediment 08/22/08 08:42 Prepared: Unit: mg/kg dry 08/22/08 By: ASC Dilution Factor: Date Analyzed: 08/22/08 By: JMK

QC Batch: 0809718 Analytical Batch: 8082305

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.53 U	0.53	0.011
11104-28-2	PCB-1221		0.53 U	0.53	0.017
11141-16-5	PCB-1232		0.53 U	0.53	0.018
53469-21-9	PCB-1242		0.53 U	0.53	0.0085
12672-29-6	PCB-1248		0.53 U	0.53	0.023
11097-69-1	PCB-1254		0.13J	0.53	0.013
11096-82-5	PCB-1260		0.054J	0.53	0.0090
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		73	36-136		
Tetrachloro-m-xylene		89	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808431

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082108-37-SD/TS20174 Sampled: 08/21/08 13:43

Lab Sample ID:0808431-01Sampled By:Kelly HudsonMatrix:SedimentReceived:08/22/08 08:42

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC V Batch
Percent Solids	62	0.10	0.10	%	1	USEPA-3550B	08/23/08 HLB	0809804



Client: Weston Solutions, Inc. - Illinois Work Order: 0808431

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082108-38-SD/TS20176 Sampled: 08/21/08 14:05

Lab Sample ID: 0808431-02 Sampled By: Kelly Hudson Matrix: Sediment Received: 08/22/08 08:42 Unit: mg/kg dry Prepared: By: ASC 08/22/08 Dilution Factor: Date Analyzed: 08/22/08 By: JMK

QC Batch: 0809718 Analytical Batch: 8082305

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.61U	0.61	0.013
11104-28-2	PCB-1221		0.61 U	0.61	0.020
11141-16-5	PCB-1232		0.61 U	0.61	0.020
53469-21-9	PCB-1242		0.61 U	0.61	0.0098
12672-29-6	PCB-1248		0.61 U	0.61	0.026
11097-69-1	PCB-1254		0.61 U	0.61	0.014
11096-82-5	PCB-1260		0.61 U	0.61	0.010
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		70	36-136		
Tetrachloro-m-xylene		85	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808431

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082108-38-SD/TS20176 Sampled: 08/21/08 14:05

Lab Sample ID: 0808431-02 Sampled By: Kelly Hudson
Matrix: Sediment Received: 08/22/08 08:42

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	54	0.10	0.10	%	1	USEPA-3550B	08/23/08 H	ILB	0809804



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits		RPD imits RL	MDL
QC Batch: 0809718 3550B Sonicat	ion Extraction/	USEPA-8	082					
Method Blank						Analyzed:	08/22/2008	By: JMK
Jnit: mg/kg wet						Analytical Batch	n: 8082305	
PCB-1016			0.33 U				0.33	0.0070
PCB-1221			0.33 U				0.33	0.011
PCB-1232			0.33 U				0.33	0.011
PCB-1242			0.33 U				0.33	0.0053
PCB-1248			0.33 U				0.33	0.014
PCB-1254			0.33 U				0.33	0.0078
PCB-1260			0.33 U				0.33	0.0056
Surrogates								
Decachlorobiphenyl				76	36-136			
Tetrachloro-m-xylene				89	46-120			
Laboratory Control Sample						Analyzed:	08/22/2008	By: JMK
Unit: mg/kg wet						Analytical Batch	n: 8082305	
PCB-1242		0.167	0.172	103	73-118		0.33	0.0053
Surrogates								
Decachlorobiphenyl				80	36-136			
Tetrachloro-m-xylene				91	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0809804 (	(Method-Specific Preparation)			Analyz	ed: 08/2	23/2008 By: HLB	
Method Blank 0.1 U %						0.1	0.1
0808431-02 APS-08	2108-38-SD/TS20176						
Duplicate	54	55	%	2	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

# TriMatrix 5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com

www.trimatrixlabs.com

# **Chain of Custody Record**

COCNo. 124773

Chair Name  UDSEPA/Nuts-ton, Solutions Inc.  De N Wacker Dr, Sarte 1210  2005 2012-001. 20170. 20170.  Chicago IL 600006  Contact Report To  L 54 Gra 22 Y k  Sample ID  Sample ID  Sample ID  APS-082108-37-5-5/T32074  4  4  4  4  4  4  4  4  4  4  4  4	Weston Solutions Inc		Sampled By (print)  Kelly Hudson  Sampler's Signature  Tracking No.	10	*	05	7	6	j.n.	4	W	J 02 2 APS-082108	01 APS-082108	Test Matrix Laboratory Sample San Group Code Number San	OSO843   Phone 312/424-3339		Ade		
Client Project Name Allied Paper Client Project No. P.O. No. 20405, 012.002.0174.00 Invoice No. Client Contact/Report To L154 Grac2 y k Blacos 1343 X Sample Date Time Marix Blacos 1405 X Sample Oct No. Blacos 1343 X So Sample Oct No. Blacos 1343 X So Sample Oct No. Blacos 1343 X So Sample Oct No. Comments Comments Comments 2. Redinquished By 08412 2. Received By		Calife	Hang									-38-50/TS20176	5-37-50/1520174		3339	11 60606	Ker Dr, Suite 12	ton Solutions In	
\$ 8 Maint	Time											8/21	8/21		Contact/Re	Invoice No			The second second
S 8 Maint	2. Receivo	2. Relinqu	Commen									108 140		19	Grac2		12.002.0	2	
\$ 8 San	dВу	ished By	24-h											-Zon	F	ent er (comments	% . PLI	8	
Number of Container Submitted  Number of Containers Submitted  Time 3. Relinquished By  Time 3. Relinquished By	Date	Date	r TA									780	100.00	Matrix	Co				
of Container Packing Li of Containers Submitted  3. Relinquished By  3. Relinquished By			9											Number	ntainer Type (co		3		A
	Strangfood For Jab By	3. Relinquished By												of Containers Submitted	presponds to Container Packing Li				
	1/23/68 Time 0542	Time												Sample Comments	G MeOH  H Other (note below)	F ZnAc/NaOH pH>9	C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HC1 pH<2	A NONE pH~7 B HNO <sub>3</sub> pH<2	PRESERVATIVES



August 28, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description
0808555 08/27/2008 Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Lebel bory

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0808555

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082708-39-SD/TS20195 Sampled: 08/27/08 12:05

0808555-01 Lab Sample ID: Sampled By: Kelly Hudson Matrix: Received: Sediment 08/27/08 14:52 Prepared: Unit: mg/kg dry 08/27/08 By: BJH Dilution Factor: Date Analyzed: 08/27/08 By: JMK

QC Batch: 0809906 Analytical Batch: 8082823

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
10/7/ 11 0	DCD 1014		0.5011	0.50	0.010
12674-11-2	PCB-1016		0.58 U	0.58	0.012
11104-28-2	PCB-1221		0.58 U	0.58	0.019
11141-16-5	PCB-1232		0.58 U	0.58	0.019
53469-21-9	PCB-1242		0.58 U	0.58	0.0092
12672-29-6	PCB-1248		0.25 J	0.58	0.025
11097-69-1	PCB-1254		0.29 J	0.58	0.014
11096-82-5	PCB-1260		0.071J	0.58	0.0098
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		74	36-136		
Tetrachloro-m-xylene		82	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808555

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082708-39-SD/TS20195 Sampled: 08/27/08 12:05

Lab Sample ID: 0808555-01 Sampled By: Kelly Hudson Matrix: Sediment Received: 08/27/08 14:52

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	57	0.10	0.10	%	1	USEPA-3550B	08/28/08	CLB	0809991



Client: Weston Solutions, Inc. - Illinois Work Order: 0808555

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082708-40-SD/TS20199 Sampled: 08/27/08 12:54

Lab Sample ID: 0808555-02 Sampled By: Kelly Hudson Matrix: Sediment Received: 08/27/08 14:52 Unit: mg/kg dry Prepared: 08/27/08 By: BJH Dilution Factor: Date Analyzed: 08/27/08 By: JMK

QC Batch: 0809906 Analytical Batch: 8082823

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

			Analytical		
CAS Number	Analyte		Result	RL	MDL
	DOD 4044				
12674-11-2	PCB-1016		0.66 U	0.66	0.014
11104-28-2	PCB-1221		0.66 U	0.66	0.022
11141-16-5	PCB-1232		0.66 U	0.66	0.022
53469-21-9	PCB-1242		0.66 U	0.66	0.011
12672-29-6	PCB-1248		0.27 J	0.66	0.028
11097-69-1	PCB-1254		0.32 J	0.66	0.016
11096-82-5	PCB-1260		0.079 J	0.66	0.011
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		70	36-136		
Tetrachloro-m-xylene		80	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0808555

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: Laboratory Services
Client Sample ID: APS-082708-40-SD/TS20199 Sampled: 08/27/08 12:54

Lab Sample ID: 0808555-02 Sampled By: Kelly Hudson
Matrix: Sediment Received: 08/27/08 14:52

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch	
Percent Solids	50	0.10	0.10	%	1	USEPA-3550B	08/28/08	CLB	0809991	



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0809906 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	08/27/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8082823	
PCB-1016			0.33 U				0.33	0.0070
PCB-1221			0.33 U				0.33	0.011
PCB-1232			0.33 U				0.33	0.011
PCB-1242			0.33 U				0.33	0.0053
PCB-1248			0.33 U				0.33	0.014
PCB-1254			0.33 U				0.33	0.0078
PCB-1260			0.33 U				0.33	0.0056
Surrogates								
Decachlorobiphenyl				84	36-136			
Tetrachloro-m-xylene				96	46-120			
Laboratory Control Sample						Analyzed:	08/27/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8082823	
PCB-1242		0.167	0.165	99	73-118		0.33	0.0053
Surrogates								
Decachlorobiphenyl				88	36-136			
Tetrachloro-m-xylene				96	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B				
QC Batch: 0809991 (Method-Specific Preparation)				Analyzed: 08/28/2008 By: CLB	
Method Blank		0.1 U	%	0.1	0.1
0808555-01 APS-08	32708-39-SD/TS20195				
Duplicate	57	58	%	0.5 20 0.1	0.1



STATEMENT OF DATA QUALIFICATIONS							
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.						

## TriMatrix 55 Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com Chain of Custody Record

COCNO. 124774

Test Matrix Group Code Sampled By (print) Laboratory Project No. VOA Rack/Tray Project Chemis Western Solutions of Kelly Hudson Michigan, Inc For Lab Use Only 0808555 Laboratory Sample Number 0 Phone 312/424-3339 = 40 USEPA I Weston Solutions Inc APS-082708-40-50/7520199 Tient Name 20 N Wacker Dr, Sinte 1210 20405, 012,002,0174.00 APS-082708-39-5D/TSZ0195 How Shipped? Tracking No. . Relinquished By Sample ID Hand 14:52 Cooler ID Sample Date 8/27/08 Client Project No./P.O. No. Project Name LISA Graczy K, Kelly Hudson Container Type (corresponds to Container Packing List) Contact/Report To Invoice No. Allied Paper H571 80/12/8 8/27/08 1205 Comments 2. Relinquished By Client. Cher (comments) Sample × X 24 NO TA A Matrix X 1:3 50,1 X PCBs Date Date A Number of Containers Submitted Time Analyses Requested 3. Relinquished By Date A NONE pH-7 H Other (note below B HNO, pH<2 D 1+1 HC1 pH<2 C H,SO, pH<2 Page of 1 PRESERVATIVES Sample Comments MeOH ZnAc/NaOH pH> NaOH pH>12 Time

PINK COPY - FIELD

6	[ri]	Mai	trix
-	Labor	atorie	s, Inc.

### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, I	nc. Usepa/weston	new / add to Project Chemist Sample	0808555
Coolers Received Recorded by (initials/date)	Ø Cooler Oty Recei	7 P.O. (804)	
WR 8/27/01	Cooler Qty Recei	Thermometer Used Digital Thermom Other (#	neter (#54) See Additional Cooler Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bot  Coolant/Temperature Taken Via. loose ice / avg 2-3 containe bagged ice / avg 2-3 containes blue ice / avg 2-3 containers  Alternate Temperature Taken Via. temperature blank (tb) l container  Recorded °C Correction Factor °C Actuation  th location: representative / in ice	Coolant / Temperature Taken Via:  loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers loose ice / avg 2-3 containers blue ice / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) l container  Recorded °C Correction Factor °C Actual °C  tb blocation: representative / in ice	Coolant / Temperature Taken Via:  loose ice / avg 2-3 containers  bagged ice / avg 2-3 containers  blue ice / avg 2-3 containers  none / avg 2-3 containers  Alternate Temperature Taken Via:  temperature blank (tb)  l container	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers loue / avg 2-3 containers  none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) l container  Recorded °C Correction Factor °C Actual °C  the foliocation: representative / in ice
Paperwork Received  N/A Yes No  Chair	any shaded areas checked, complete  No COC received  of Custody Record(s)?  If No, COC initiated by	Check Sample Preservation  N/A Yes No  Average sample	temperature ≤6° C?
		Completed Samp Samples preserve If "No", added or Received pre-pre MeOl Check for Short Hold-Time Prep/	range tag? sserved VOC soils? H
Samp	No analysis requested le ID matches COC? le date and time matches COC? iner type completed on COC? ntainer types indicated are received?	☐ Air Bags ☐ EnCores / Methanol Pre-Preserved ☐ Formaldehyde/Aldehyde ☐ Green-tagged Containers ☐ Yellow/White-tagged IL Ambers (SV	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)  NONE RECEIVED RECEIVED, COCs TO LAB(S)  Prep-Lab)
Sample Condition Summar, N/A Yes No Broke Missi Ullegil Low Inapp		□ No COC received, Proj. Chemist revi □ No analysis requested, Proj. Chemist Cooler Received (Date/Time) Paperwork	



September 10, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0809144 09/09/2008 WAP090908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Leathour

Enclosures(s)



0809144 Client: Weston Solutions, Inc. - Illinois Work Order: Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP090908 Sampled: 09/09/08 10:25

Client Sample ID: APS-090908-04-WT/W-SA4N-EffluA-0015

0809144-01 Lab Sample ID: Sampled By: Michael Browning Matrix: Received: Water 09/09/08 12:12 Prepared: Unit: ug/L 09/09/08 By: BJH Dilution Factor: 1 Date Analyzed: 09/09/08 By: JMK

QC Batch: 0810443 Analytical Batch: 8090949

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.20 U	0.20	0.023
11104-28-2	PCB-1221		0.20 U	0.20	0.081
11141-16-5	PCB-1232		0.20 U	0.20	0.028
53469-21-9	PCB-1242		0.20 U	0.20	0.024
12672-29-6	PCB-1248		0.20 U	0.20	0.030
11097-69-1	PCB-1254		0.20 U	0.20	0.023
11096-82-5	PCB-1260		0.20 U	0.20	0.020
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		97	<i>30-115</i>		
Tetrachloro-m-xylene	•	91	<i>43-115</i>		



### Polychlorinated Biphenyls (PCBs) by EPA Method 608

Spike

Control

RPD

Sample

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0810443 608 Liquid/Liqui	id Extraction/	USEPA-6	08					
Method Blank						Analyzed:	09/09/2008	By: JMK
Unit: ug/L						Analytical Batch:	8090949	
PCB-1016			0.20 U				0.20	0.023
PCB-1221			0.20 U				0.20	0.081
PCB-1232			0.20 U				0.20	0.028
PCB-1242			0.20 U				0.20	0.024
PCB-1248			0.20 U				0.20	0.030
PCB-1254			0.20 U				0.20	0.023
PCB-1260			0.20 U				0.20	0.020
Surrogates								
Decachlorobiphenyl				89	<i>30-115</i>			
Tetrachloro-m-xylene				64	43-115			
Laboratory Control Sample						Analyzed:	09/09/2008	By: JMK
Jnit: ug/L						Analytical Batch:	8090949	
PCB-1242		1.00	0.824	82	54-113		0.20	0.024
Surrogates								
Decachlorobiphenyl				90	<i>30-115</i>			
Tetrachloro-m-xylene				62	43-115			



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

## Laboratories, Inc.

TriMatrix 5560 Corporate Exchange Court SE Grand Rapids, MI 49512

Phone (616) 975-4500 Fax (616) 942-7463 Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record cocno. 125495

	Company	Miland Browny	Michael Browning										10-	Test Matrix Laboratory Sample Group Code Number	HH 6080	Z	Project Chemist		2	Cart 2
I. Received By Date	1. Relinquisiqued By Dance 9/9/08	Tracking No.		10	9	96	7	6	SM	4	<b>54</b> 07	103	W-SA4N- Etti-A-0015		Pax Pax	Phone 217 Unu 2227	Chicago, IL 60606	N.S. EPA/Weston Solutions		
Time	1212						i X						Weston 9/9/08	Cooler ID Sample Date	LizaGra	Contact/Penor	Invoice No	Allied Paper		
2. Received By	2. Relinquished By	( hand	Comments										8 1025	Sample C Time M M	Lisa Grac Eyk			aper		
		A - nour in	1										X Water /	Marrix 2						
Date	Dute	-								H			_	1	Containe	PC	Bs			
Time	Time													Number of	Type (corre			-		Ana
3. Received For Lab By	3. Relinquished By													Number of Containers Submitted	Container Type (corresponds to Container Packing List)					Analyses Requested
b By Date	Date												2	Total	List)	-				
Time	Time													Sample Comments	H Other (note below)		D 1+1 HC1 pH<2	B HNO, pH<2	♦ PRESERVATIVES	Page   of

TriMatrix Laboratories, Inc.	Client USEPA	new / add to	ON 19144
Coolers Received	Receipt Record Page/Line No.	Project Chemist Sample ?	Ö
Recorded by (initials/date)	☐ Cooler Oty Receive	ed     IR Gun (#202)	
T29.908	Box Other Drom Sam	Thermometer Used Digital Thermom	eter (#54) See Additional Cooler Information Form
Coole No Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact			
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed Top Middle Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers
blue ice / avg 2-3 containers			
none / avg 2-3 containers			
Alternate Temperature Taken Via:			
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	O I container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C			
b location: representative / in ice	th location: representative / in ice	tb location: representative / in ice	to location: representative / in ice
16.6 - 16.6	1 2	1 2	1 2
Average °C	3 Average °C	3 Average °C	3 Average °C
□ Cooler ID on COC?	Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?
■ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	☐ VOC trip blank received?
If any	shaded areas checked, complete S	ample Receiving Non-Conformanc	e Form
Paperwork Received	☐ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	
- Chair of C	ustody Record(s)? COC initiated by		emperature ≤6° C?
	ab signed/date/time?	Completed Samp	le Preservation Verification Form?
Shipping D	5 St. 15	Samples preserve	
Other			served VOC soils?
COC ID Nos.		□ MeOl-	
	,	Check for Short Hold-Time Prep/	Analyses
TriMatrix 125495		□ Bacteriological	No. of Control Control
.2010		☐ Air Bags	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
Other (name or ID#)		□ EnCores / Methanol Pre-Preserved	

Paperwork Received □ No COC recei	ved Check Sample Preservation
N/A Yes No	N/A Yes No
∠ Chain of Custody Record(s)?	Average sample temperature ≤6° C?
If No, COC initiated by	Completed Sample Preservation Verification Form?
Rec'd for Lab signed/date/time?  Shipping Document?	Completed Sample Preservation Verification Form?  Samples preserved correctly?  If "No", added orange tag?  Received pre-preserved VOC soils?
	If "No", added orange tag?
Other	Received pre-preserved VOC soils?
COC ID Nos.	☐ MeOH ☐ Na <sub>2</sub> SO <sub>4</sub>
9 TriMatrix 125495	Check for Short Hold-Time Prep/Analyses  Bacteriological
120110	☐ Air Bags AFTER HOURS ONLY:
Other (name or ID#)	☐ EnCores / Methanol Pre-Preserved COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy   No analysis re	quested □ Formaldehyde/Aldehyde □ NONE RECEIVED
Yes No	☐ Green-tagged Containers ☐ RECEIVED, COCs TO LAB(S)
Sample ID matches COC?	☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)
Sample ID matches COC? Sample date and time matches COC? Container type completed on COC?	Notes
( ) Market	2/1 lb TAT
All container types indicated are received?	24 Hr TAT
Sample Condition Summary   Non-TriMatri	
N/A Yes No containers, see	Notes
Broken containers/lids?	200
Missing or incomplete labels?	☐ Trip blank received ☐ Trip blank not listed on COC
Illegible information on labels?	□ No COC received, Proj. Chemist reviewed (init./date)
Low volume received?	□ No analysis requested, Proj. Chemist completed (init./date)
Inappropriate containers received?	Cooler Received (Date/Time) Paperwork Delivered (Date/Time) ≤1 Hour Goal Met?
VOC vials have headspace?	a. 9.18 1212 a. 9.18 17110 Kes ) No
Extra sample locations / containers not listed	on COC? TITUO DID TITUO TELLE



September 30, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0809547 09/29/2008 WAP092908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Leathour

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0809547

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP092908

Client Sample ID: **APS-092908-05-WT/W\_SA5S\_EffluB\_0015** Sampled: 09/29/08 13:15

Lab Sample ID: 0809547-01 Sampled By: Kelly Hudson Matrix: Water Received: 09/29/08 17:55

Unit: ug/L Prepared: 09/30/08 By: BJH
Dilution Factor: 1 Date Analyzed: 09/30/08 By: JMK

QC Batch: 0811287 Analytical Batch: 8093040

		Analytical									
CAS Number	Analyte		Result	RL	MDL						
12674-11-2	PCB-1016		0.20 U	0.20	0.023						
11104-28-2	PCB-1221		0.20 U	0.20	0.081						
11141-16-5	PCB-1232		0.20 U	0.20	0.028						
53469-21-9	PCB-1242		0.20 U	0.20	0.024						
12672-29-6	PCB-1248		0.20 U	0.20	0.030						
11097-69-1	PCB-1254		0.20 U	0.20	0.023						
11096-82-5	PCB-1260		0.20 U	0.20	0.020						
Surrogates		% Recovery	Control Limits								
Decachlorobiphenyl		90	<i>30-115</i>								
Tetrachloro-m-xylene		66	43-115								



Client: Weston Solutions, Inc. - Illinois Work Order: 0809547

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP092908

 Client Sample ID: APS-092908-41-SD/TS20202
 Sampled: 09/29/08 14:04

 Lab Sample ID: 0809547-02
 Sampled By: Kelly Hudson

 Matrix
 Sadiment

 Matrix:
 Sediment
 Received:
 09/29/08 17:55

 Unit:
 mg/kg dry
 Prepared:
 09/30/08 By: ASC

 Dilution Factor:
 1
 Date Analyzed:
 09/30/08 By: JMK

QC Batch: 0811288 Analytical Batch: 8093050

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.89 U	0.89	0.019
11104-28-2	PCB-1221		0.89 U	0.89	0.029
11141-16-5	PCB-1232		0.89 U	0.89	0.029
53469-21-9	PCB-1242		1.0	0.89	0.014
12672-29-6	PCB-1248		0.89 U	0.89	0.038
11097-69-1	PCB-1254		0.89 U	0.89	0.021
11096-82-5	PCB-1260		0.89 U	0.89	0.015
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		74	36-136		
Tetrachloro-m-xylene		78	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0809547 Project: Description: WAP092908 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-092908-41-SD/TS20202 Sampled: 09/29/08 14:04 0809547-02 Lab Sample ID: Sampled By: Kelly Hudson Matrix: Sediment Received: 09/29/08 17:55

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	37	0.1	0.1	%	1	USEPA-3550B	09/29/08 K	INC	0811301



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811287 608 Liquid/Liquid Ex	xtraction/	USEPA-6	08						
Method Blank						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical E	Batch:	8093040	
PCB-1016			0.20 U					0.20	0.023
PCB-1221			0.20 U					0.20	0.081
PCB-1232			0.20 U					0.20	0.028
PCB-1242			0.20 U					0.20	0.024
PCB-1248			0.20 U					0.20	0.030
PCB-1254			0.20 U					0.20	0.023
PCB-1260			0.20 U					0.20	0.020
Surrogates									
Decachlorobiphenyl				96	30-115				
Tetrachloro-m-xylene				74	43-115				
Laboratory Control Sample						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical E	Batch:	8093040	
PCB-1242		1.00	0.848	85	54-113			0.20	0.024
Surrogates									
Decachlorobiphenyl				99	<i>30-115</i>				
Tetrachloro-m-xylene				73	43-115				
Laboratory Control Sample Duplicate						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical E	Batch:	8093040	
PCB-1242		1.00	0.780	78	54-113	8	20	0.20	0.024
Surrogates									
Decachlorobiphenyl				95	<i>30-115</i>				
Tetrachloro-m-xylene				79	43-115				



Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811288 3550B Sonication E	xtraction/	USEPA-8	082						
Method Blank						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical E	Batch:	8093050	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				79	36-136				
Tetrachloro-m-xylene				85	46-120				
Laboratory Control Sample						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical E	Batch:	8093050	
PCB-1242		0.167	0.150	90	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				88	36-136				
Tetrachloro-m-xylene				93	46-120				
Laboratory Control Sample Duplicate						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical E	Batch:	8093050	
PCB-1242		0.167	0.149	89	73-118	0.4	20	0.33	0.0053
Surrogates									
Decachlorobiphenyl				89	36-136				
Tetrachloro-m-xylene				92	46-120				



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0811301	(General Inorganic Prep)			Analyz	ed: 09/2	9/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0809547-02 APS-09	92908-41-SD/TS20202						
Duplicate	37	38	%	2	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

## Chain of Custody Record

COCNo. 124775

Wester Solutions of Michigan	Company	Kelly Hydson Sampler's Signature	Sampled By (print)								.0.		-0	Test Matrix Laboratory Sample Group Code Number	HCLORO.	Laboratory Project No.	Project Chemist LNH	Rescript Log No. 43-6	VOA Rack/Tray	2
		The H		10	9	96	: 4:	6	5	do	2 APS-0729	2 W_\$A55	1 APS-09120		Fax	č	Chic	Address 10 7	USEPA	
1. Received By Date	Relly Hydron 4/24/08	How Shipped? (Han) Carrier Tracking No.									APS-192908-41-50/TS20202	W_SASSLETTIUB_00/S	APS-092908-05-WT/	Sample ID	312-424-3330	124-3339	Unicago IL 60606	20 N Wacker, Sink 1210	USEPA/Weston Solutions	
											N_	1	ī	Cooler ID	C	Cor	Inva	70		
Time	17:53										424/05	1	50/07/3	Sample	TI SU PLUCE AK	Contact/Report To	Invoice No.	20405.012.002.0174.00	Allie	
2. Received By	2. Relinquished By	0	Comments						1		429/05 1404		1315	Sample Time	AKZ	To	□ Client □ Other	0./EQ. No.	Allied Paper	
8	и Ву	24-hr									×		×	7 Z O Z F			□ Client □ Other (comments)	74.00	1	
		1000									V		×	Matrix IL						
Date	Date	TAT									-	-	2 -	20%	Contain	F	tes	- Way	kr	P
Time	Time	7										1		0.00	ier Type (co	-	08-	Soil		P
-50	فعة													of Contai	rresponds	-				Halyon
Received For Lab By	3. Relinquished By													Number of Containers Submitted	Container Type (corresponds to Container Packing List)					Culary ses requesieu
Date	Date										_	-	2	Total	(st)					
pr Lab By / Date Time	Time									5				Sample Comments	H Other (note below)	G MeOH	E NaOH pH>12 F ZnAc/NaOH pH-9	C H <sub>2</sub> SO <sub>4</sub> pH<2 D 1+1 HCl pH<2	A NONE pH-7 B HNO, pH-2	♦ PRESERVATIVES



October 01, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0809553 09/30/2008 WAP093008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0809553

Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP093008

Client Sample ID: APS-093008-42-SD/TS20209 Sampled: 09/30/08 09:00 Lab Sample ID: 0809553-01 Sampled By: Kelly Hudson Matrix: Received: 09/30/08 12:08 Sediment Prepared: Unit: mg/kg dry 09/30/08 By: ASC

Dilution Factor: 1 Date Analyzed: 09/30/08

QC Batch: 0811323 Analytical Batch: 8093050

### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

By: JMK

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.80 U	0.80	0.017
11104-28-2	PCB-1221		0.80 U	0.80	0.026
11141-16-5	PCB-1232		0.80 U	0.80	0.026
53469-21-9	PCB-1242		0.80 U	0.80	0.013
12672-29-6	PCB-1248		0.22 J	0.80	0.034
11097-69-1	PCB-1254		0.80 U	0.80	0.019
11096-82-5	PCB-1260		0.80U	0.80	0.014
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		74	36-136		
Tetrachloro-m-xylene		77	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0809553 Project: Description: WAP093008 Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-093008-42-SD/TS20209 Sampled: 09/30/08 09:00 0809553-01 Lab Sample ID: Sampled By: Kelly Hudson Matrix: Sediment Received: 09/30/08 12:08

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	41	0.1	0.1	%	1	USEPA-3550B	09/30/08 KNC	0811326



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limit	s RL	MDL
QC Batch: 0811323 3550B Sonicati	on Extraction/	USEPA-8	082					
Method Blank Unit: mg/kg wet						Analyzed: Analytical Batch:	09/30/2008 8093050	By: JMK
PCB-1016			0.33 U				0.33	0.0070
PCB-1221			0.33 U				0.33	0.011
PCB-1232			0.33 U				0.33	0.011
PCB-1242			0.33 U				0.33	0.0053
PCB-1248			0.33 U				0.33	0.014
PCB-1254			0.33 U				0.33	0.0078
PCB-1260			0.33 U				0.33	0.0056
Surrogates								
Decachlorobiphenyl				81	36-136			
Tetrachloro-m-xylene				89	46-120			
Laboratory Control Sample Unit: mg/kg wet						Analyzed: Analytical Batch:	09/30/2008 8093050	By: JMK
PCB-1242		0.167	0.147	88	73-118		0.33	0.0053
Surrogates								
Decachlorobiphenyl				85	36-136			
Tetrachloro-m-xylene				91	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B						
QC Batch: 0811326	(General Inorganic Prep)			Analyz	ed: 09/3	0/2008 By: KNC	
Method Blank		0.1 U	%			0.1	0.1
0809553-01 APS-09	3008-42-SD/TS20209						
Duplicate	41	42	%	2	20	0.1	0.1



STATEMENT OF DATA QUALIFICATIONS	
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.

### TriMatrix 5 Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463

Www.trimatrixlabs.com

## **Chain of Custody Record**

d cocno. 125487

Date Time  Undain Time  Undain Time	3. Received For Lab By	Date Time Date Time		Ву	Relinquished By     Received By	Time 2 12-08 Time 2	Date 0/3408	1. Received By	Weston Solutions of Michigan
		THE STATE OF THE S	24 hr T	14 /	Comments		nd Carrier	How Shipped? Hand Tracking No.	Sampled By (print)  Kelly Hudson  Sampler's Signature
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Total Sample Comments	Number of Containers Submitted		Matnx	<b>⊽</b> ≤0	Time	-	Cooler ID	Sample ID	Code
	A Comment of the Comm	76	şt.	00	Sample		)		Test Matrix Laboratory Sample
G McOH	nds to Container Packing List)	Container Type (correspon			act/Report To	Contact/Report To		Phone 312- 424-3339 Fax 312- 414-3339	Laboratory Project No.
F ZnAc/NaOHpH>9		PCBS		omments	Other (comments)	Invoice No.		Chicago 11 60606	rroject Cnemst
D 1+1 HC1 pH<2				74.0	/PO. No.	20405.012.002.0174.00		20 N. Wacker, Suite 1210	Recept Log No. 45 No
A NONE pH-7 B HNO, pH-2					Paper	Allied Paper	A	USEPA   Weston Solutions   Mc	VOA Rack/Tray
♦ PRESERVATIVES		*							
Page 1 of	Analyses Requested	Analy							Cart Cart Use Only
									B - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -



October 13, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210

Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0810183 10/10/2008 WAP101008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

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Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Project: Allied Paper, Kalamazoo, 20405.016.002 Client Sample ID: APS-101008-43-SD/TS20215

Lab Sample ID: 0810183-01 Matrix: Sediment

mg/kg dry Dilution Factor:

Unit:

QC Batch: 0811323 Work Order: 0810183 Description: WAP101008 Sampled: 10/10/08 10:30 Sampled By: Kelly Hudson Received: 10/10/08 13:05 Prepared: By: ASC 10/10/08 Date Analyzed: 10/10/08 By: JMK

Analytical Batch: 8101053

			Analytical		
CAS Number	Analyte		Result	RL	MDL
12674-11-2	PCB-1016		0.58 U	0.58	0.012
11104-28-2	PCB-1221		0.58 U	0.58	0.019
11141-16-5	PCB-1232		0.58 U	0.58	0.019
53469-21-9	PCB-1242		0.58 U	0.58	0.0093
12672-29-6	PCB-1248		0.89	0.58	0.025
11097-69-1	PCB-1254		0.83	0.58	0.014
11096-82-5	PCB-1260		0.17J	0.58	0.0098
Surrogates		% Recovery	Control Limits		
Decachlorobiphenyl		100	36-136		
Tetrachloro-m-xylene		92	46-120		



Client: Weston Solutions, Inc. - Illinois Work Order: 0810183 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP101008 Client Sample ID: APS-101008-43-SD/TS20215 Sampled: 10/10/08 10:30 0810183-01 Lab Sample ID: Sampled By: Kelly Hudson Matrix: Sediment Received: 10/10/08 13:05

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed By	QC Batch
Percent Solids	57	0.1	0.1	%	1	USEPA-3550B	10/10/08 KNC	0811741



### Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Sample

Spike

Control

RPD

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD Limi	ts RL	MDL
QC Batch: 0811323 3550B Sonicatio	n Extraction/	USEPA-8	082					
Method Blank						Analyzed:	10/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8101053	
PCB-1016			0.33 U				0.33	0.0070
PCB-1221			0.33 U				0.33	0.011
PCB-1232			0.33 U				0.33	0.011
PCB-1242			0.33 U				0.33	0.0053
PCB-1248			0.33 U				0.33	0.014
PCB-1254			0.33 U				0.33	0.0078
PCB-1260			0.33 U				0.33	0.0056
Surrogates								
Decachlorobiphenyl				98	36-136			
Tetrachloro-m-xylene				93	46-120			
Laboratory Control Sample						Analyzed:	10/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:	8101053	
PCB-1248		0.167	0.114	68	67-131		0.33	0.014
Surrogates								
Decachlorobiphenyl				100	36-136			
Tetrachloro-m-xylene				94	46-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte:	Percent Solids/USEPA-3550B								
QC Batch: 0811741 (General Inorganic Prep)  Analyzed: 10/10/2008 By: KNC									
Method Blank		0.1 U	%				0.1	0.1	
0810183-01 APS-101008-43-SD/TS20215									
Duplicate	57	54	%		5	20	0.1	0.1	



STATEMENT OF DATA QUALIFICATIONS								
All analyses have been validated and comply with our Quality Control Program.	No Qualifications required.							

### TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record COCNO. 125488

Project Name Alled Paper Client Project No.PO. No. 20 405.012.002.0174.00 Invoice No. Contact/Report To Lisa Graczyk Date Sample Date Time M A Matrix M A M A Matrix M A M A M A M A Matrix M A M A M A M A M A Matrix M A M A M A M A Matrix M A M A M A M A M A M A M A M A M A M	7	Sampled By (print)  Kelly Hodsan How Shipped? (Hand)	10	9	- 00	7	6	i.a	2.	3	2	01 APS-101008-43-50/TS20215	Test Matrix Laboratory Sample Sample ID  Number	Laboratory Project No.  OX 10 183  Phone 312-424-3339  Fax 312-424-3339	Project Chemist Chicago IL Goldo	Receipting No. 13.10 Address N Wacker, Suite 1210	VOA Rack/Tray _ Client Name USEPA / Weston Solutions	8	Cart							
ed Paper  No.PO. No.  DIZ., 602. 6174.00  CClient  Other (comments)  Sample O R Matrix H  Time M A Matrix H  \$ 1030 X Se  Comments  Comments  Comments  Comments  2. Relinquished By		Carrier												Contact/Ro		- 0	Projec	WA								
(comments)  YK  OF R Matrix  N A Matrix  N B S S S S S S S S S S S S S S S S S S	2. Reling	Commer			18								_	sa Grac	07			. 012,002	. 012.002	Ilied Pa	DONOI					
	8											×	7300 8>80		er (comments)	ent er (comments)	Per 1.0174.1	per	per	per	per	per	per	per	ox.	7
	Time 3. Retinquis	1747										36	100	Container Type (corresponds to Container Packing List)	PCH				Analyses Requested							
	Date Time												Sample Comments	H Other (note below)	F ZnAc/NaOHpH>9	D 1+1 HC1 pH-2	B HNO, pH<2	PRESERVATIVES	rage vol.							

4	TriMatrix	
<b>***</b>	Laboratories, Inc.	

### SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, inc.	Wester		0810183			
Coolers Received	Receipt Record Page/Line No.	Project Chemist Sample	Nos			
Recorded by (initials/date)	Cooler Oty Recei					
	Box	Thermometer Used Digital Thermon	neter (#54) See Additional Cooler			
WC 10-10-09		Other (#	Information Form			
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No. Time			
1305	PO.000	1000	This is			
Custody Seals	Custody Seals	Custody Seals	Custody Seals			
none	none none	none	none none			
present / intact	present / intact	present / intact	□ present / intact			
present / not intact	present / not intact	present / not intact	present / not intact			
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:			
Dispersed Top Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Botton			
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:			
loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers			
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 container			
□ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers			
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers			
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:			
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)			
□ 1 container	□ 1 container	□ 1 container	□ 1 container			
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Actual °C	Recorded °C Correction Actual °C	Recorded °C Correction Actual °C			
th	Pactor C	Factor °C	Factor °C Actual C			
th location: representative / in ice	th location: representative / mice	tb location: representative / in ice	tb			
5.3 - 53	I Processing	to location: representative / in see	th location: representative / in ice			
2	2	2	2			
3	3	3	3			
Average °C = 3	Average °C	Average °C	Average °C			
□ Cooler ID on COC? □ □-⊃	Cooler ID on COC?	Cooler ID on COC?	☐ Cooler ID on COC?			
☐ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?			
Ifany	shaded areas shooked comulate	Sample Receiving Non-Conforman	The state of the s			
			ce Form			
Paperwork Received N/A Yes No	□ No COC received	Check Sample Preservation				
	ustody Record(s)?	N/A Yes No	474 TO THE TOTAL TO			
	COC initiated by	Average sample				
	b signed/date/time?	Completed Samp	ole Preservation Verification Form?			
Shipping Do		Samples preserv	ACCOMPANY CONTRACTOR OF THE CO			
Other			eserved VOC soils?			
COC ID Nos.		□ MeOl				
COLOR DO CO		Check for Short Hold-Time Prep/	Market State			
TriMatrix		☐ Bacteriological				
DATE MANY TO THE STATE OF THE S		☐ Air Bags	AFTER HOURS ONLY:			
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)			
Check COC for Accuracy	<ul> <li>No analysis requested</li> </ul>	☐ Formaldehyde/Aldehyde	□ NONE-RECEIVED			
Yes No		☐ Green-tagged Containers ☐ RECEIVED, COCs TO LAB(S				
Sample ID n		☐ Yellow/White-tagged 1L Ambers (SV	Prep-Lab)			
	and time matches COC?	Notes				
	pe completed on COC?					
Sample Condition Summary	r types indicated are received?					
	□ Non-TriMatrix					
N/A Yes No Broken cont	containers, see Notes					
	ncomplete labels?	D TANKE D				
The state of the	ormation on labels?		lank not listed on COC			
Lew volume		<ul> <li>□ No COC received, Proj. Chemist revi</li> <li>□ No analysis requested. Proj. Chemist</li> </ul>	12 (12 (13 (13 (13 (14 (14 (14 (14 (14 (14 (14 (14 (14 (14			
and the same	e containers received?		Delivered (Init./date)  Delivered (Date/Time) ≤1 Hour Goal Met?			
	TOX containers have headspace?		and the same of th			
	e locations / containers not listed on COC?	10.10.08 1305 10.10	08/3/0 (red / No			



October 20, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0810301	10/15/2008	WAP101508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Client:Weston Solutions, Inc. - IllinoisWork Order:0810301Project:Allied Paper, Kalamazoo, 20405.016.002Description:WAP101508Client Sample ID:APS-101508-Spillway-01Sampled:10/15/08 12:25

Lab Sample ID: 0810301-01 Sampled By: Michael Browning Matrix: Sediment Received: 10/15/08 15:58 Unit: mg/kg dry Prepared: 10/16/08 By: ASC Dilution Factor: 1 Analyzed: 10/16/08 By: DJM

QC Batch: 0811752 Analytical Batch: 8101714

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.45U	0.45	0.0096
11104-28-2	PCB-1221	0.45U	0.45	0.015
11141-16-5	PCB-1232	0.45U	0.45	0.015
*53469-21-9	PCB-1242	0.20J	0.45	0.0073
12672-29-6	PCB-1248	0.45U	0.45	0.019
11097-69-1	PCB-1254	0.16J	0.45	0.011
11096-82-5	PCB-1260	0.042J	0.45	0.0077

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	81	36-136
Tetrachloro-m-xylene	77	46-120

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP101508 10/15/08 12:25 Client Sample ID: APS-101508-Spillway-01 Sampled: Lab Sample ID: 0810301-01 Sampled By: Michael Browning Received: 10/15/08 15:58 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	73	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919



Client:Weston Solutions, Inc. - IllinoisWork Order:0810301Project:Allied Paper, Kalamazoo, 20405.016.002Description:WAP101508Client Sample ID:APS-101508-Spillway-02Sampled:10/15/08 12:32

Lab Sample ID: 0810301-02 Sampled By: Michael Browning Received: Matrix: Sediment 10/15/08 15:58 Unit: Prepared: By: ASC mg/kg dry 10/16/08 Dilution Factor: 1 Analyzed: 10/16/08 By: DJM

QC Batch: 0811752 Analytical Batch: 8101714

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.40U	0.40	0.0085
11104-28-2	PCB-1221	0.40U	0.40	0.013
11141-16-5	PCB-1232	0.40U	0.40	0.013
*53469-21-9	PCB-1242	0.12J	0.40	0.0065
12672-29-6	PCB-1248	0.40U	0.40	0.017
11097-69-1	PCB-1254	0.14J	0.40	0.0095
11096-82-5	PCB-1260	0.035J	0.40	0.0068

Surrogates:	% Recovery	Control Limits		
Decachlorobiphenyl	82	36-136		
Tetrachloro-m-xylene	84	46-120		

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP101508 10/15/08 12:32 Client Sample ID: APS-101508-Spillway-02 Sampled: Lab Sample ID: 0810301-02 Sampled By: Michael Browning Received: 10/15/08 15:58 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	82	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP101508 Sampled:

Client Sample ID: APS-101508-Spillway-03

10/15/08 12:40 Lab Sample ID: 0810301-03 Sampled By: Michael Browning Received: Matrix: Sediment 10/15/08 15:58 Unit: Prepared: By: ASC mg/kg dry 10/16/08 Dilution Factor: 1 Analyzed: 10/16/08 By: DJM

QC Batch: 0811752 Analytical Batch: 8101714

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

		Analytical			
CAS Number	Analyte	Result	RL	MDL	
12674-11-2	PCB-1016	0.48U	0.48	0.010	
11104-28-2	PCB-1221	0.48U	0.48	0.016	
11141-16-5	PCB-1232	0.48U	0.48	0.016	
*53469-21-9	PCB-1242	0.19J	0.48	0.0077	
12672-29-6	PCB-1248	0.48U	0.48	0.021	
11097-69-1	PCB-1254	0.22J	0.48	0.011	
11096-82-5	PCB-1260	0.057J	0.48	0.0082	

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	77	36-136
Tetrachloro-m-xylene	78	46-120

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP101508 10/15/08 12:40 Client Sample ID: APS-101508-Spillway-03 Sampled: Lab Sample ID: 0810301-03 Sampled By: Michael Browning Received: 10/15/08 15:58 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	69	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP101508 Sampled: 10/15/08 12:45

Client Sample ID: APS-101508-Spillway-04

Lab Sample ID: 0810301-04 Sampled By: Michael Browning Received: Matrix: Sediment 10/15/08 15:58 Unit: Prepared: By: ASC mg/kg dry 10/16/08 Dilution Factor: 1 Analyzed: 10/16/08 By: DJM

QC Batch: 0811752 Analytical Batch: 8101714

## \*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.37U	0.37	0.0079
11104-28-2	PCB-1221	0.37U	0.37	0.012
11141-16-5	PCB-1232	0.37U	0.37	0.012
53469-21-9	PCB-1242	0.37U	0.37	0.0060
12672-29-6	PCB-1248	0.37U	0.37	0.016
11097-69-1	PCB-1254	0.015J	0.37	0.0088
11096-82-5	PCB-1260	0.0098J	0.37	0.0063

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	42	36-136
Tetrachloro-m-xylene	34	46-120

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP101508 10/15/08 12:45 Client Sample ID: APS-101508-Spillway-04 Sampled: Lab Sample ID: 0810301-04 Sampled By: Michael Browning Received: 10/15/08 15:58 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	88	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919



Client: Weston Solutions, Inc. - Illinois Work Order: 0810301 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP101508 Client Sample ID: APS-101508-Spillway-04 Sampled: 10/15/08 12:45 Lab Sample ID: 0810301-04RE1 Sampled By: Michael Browning Matrix: Sediment Received: 10/15/08 15:58 10/17/08 Prepared: By: ASC

Unit: mg/kg dry
Dilution Factor: 1

QC Batch: 0811752 Analytical Batch: 8101745

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyzed:

10/17/08

By: DJM

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.37U	0.37	0.0079
11104-28-2	PCB-1221	0.37U	0.37	0.012
11141-16-5	PCB-1232	0.37U	0.37	0.012
53469-21-9	PCB-1242	0.37U	0.37	0.0060
12672-29-6	PCB-1248	0.37U	0.37	0.016
11097-69-1	PCB-1254	0.029J	0.37	0.0088
11096-82-5	PCB-1260	0.022J	0.37	0.0063

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	73	36-136
Tetrachloro-m-xylene	47	46-120



## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Spike

RPD

Analytical Batch:

8101714

Spike

Sample

Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL
QC Batch: 0811752 3550B Sonica	tion Extraction	n/USEPA-8	3082						
Method Blank					Anal	yzed:	10/16/20	008 B	y: DJM
Unit: mg/kg wet					Anal	ytical Batch:	8101714		
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				96	36-136				
Tetrachloro-m-xylene				90	46-120				
Method Blank					Anal	yzed:	10/17/20	008 B	y: DJM
Unit: mg/kg wet					Anal	ytical Batch:	8101745		
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				86	36-136				
Tetrachloro-m-xylene				94	46-120				
Laboratory Control Sample					Anal	yzed:	10/16/20	008 B	y: DJM

PCB-1248	0.167	0.163	98	67-131	0.33 0.014
Surrogates:					
Decachlorobiphenyl			98	36-136	
Tetrachloro-m-xylene			88	46-120	
Laboratory Control Sample Unit: mg/kg wet				Analyzed: Analytical Batch:	10/17/2008 By: DJM 8101745
PCB-1248	0.167	0.162	97	67-131	0.33 0.014
Surrogates:					

79

36-136

Continued on next page

Decachlorobiphenyl

Unit: mg/kg wet



## Polychlorinated Biphenyls (PCBs) by EPA Method 8082 (Continued)

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

QC Batch: 0811752 (Continued) 3550B Sonication Extraction/USEPA-8082

Laboratory Control Sample (Continued)Analyzed:10/17/2008By: DJMUnit: mg/kg wetAnalytical Batch:8101745

Surrogates (Continued):

Tetrachloro-m-xylene 94 46-120



Duplicate

## **QUALITY CONTROL REPORT**

## Physical/Chemical Parameters by EPA/APHA/ASTM Methods

	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte: Percent Solids/USEPA-3550B					
QC Batch: 0811919 (General Inorganic Prep)			Analyzed: 10/16/2008	By: KNC	
Method Blank	0.1 U	%		0.1	0.1
0810301-02 [APS-101508-Spillway-02]					

%

20

0.1

0.1

81

82



## STATEMENT OF DATA QUALIFICATIONS

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: A conclusive PCB Aroclor identification is not possible due to sample matrix interference and/or

weathering of the sample. The result is qualitative and the identity of the reported Aroclor is

tentative.

Analysis: USEPA-8082

Sample/Analyte: 0810301-01 APS-101508-Spillway-01 PCB-1242

0810301-02 APS-101508-Spillway-02 PCB-1242 0810301-03 APS-101508-Spillway-03 PCB-1242

Qualification: One or more surrogate recoveries for the sample were less than the lower control limit but greater

than or equal to 10%. All results are considered estimated.

Analysis: USEPA-8082

Sample/Analyte: 0810301-04 APS-101508-Spillway-04



Contains    Comments   PCBs   PCBs	Date Tin Duke Tin
	Analyses Requested  her Type (corresponds to Container Packing List)  Number of Containers Submitted  Number of Regulation of the List of



## SAMPLE RECEIVING / LOG-IN CHECKLIST Prosper-Submittal Nu add to Prosper-Submittal Nu

en to fell a construction constru	Receipt Record Page/Line No.	Project Charles Sample	01-DY
Coolers Received			01 01
Recorded by (initials/date)	Cooler Qty Receive		See Additional Cooler
	□ Box	Thermometer Used   Digital Thermom	eter (#54) Information Form
WC 10-15-08	Other	Other (#	)
Cooler No Time	Cooler No. Time	Cooler No. Time	Cooler No. Time
Tm 0158 1600		Section (Section 1997)	
Custody Seals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
Coolant Location:	Coolant Location:	Coolant Location	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
□ loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers		□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers
6866 MES - 2876		blue ice / avg 2-3 containers	blue ice / avg 2-3 containers
blue ice / avg 2-3 containers	blue ice / avg 2-3 containers		none / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	Alternate Temperature Taken Via	Alternate Temperature Taken Via
Alternate Temperature Taken Via:	Alternate Temperature Taken Via		temperature blank (tb)
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	
□ 1 container	□ 1 container	1 container	1 container
Recorded °C Correction Actual °C	Recorded °C Correction Actual °C	Recorded °C Correction Actual °C	Recorded °C Correction Factor °C Actual °C
Factor °C	Factor °C	Factor °C	Paciol C
tb	tb	tb.	th location: representative / in ice
th location: representative / in ice	tb location: representative / in ice	th location representative / in ice	th location. representative / in ice
11.8 - 11.8		1	1
2 12.0 - 12.0	2	2	2
12.3 - 12.3	3	Average °C	Average °C
Average °C 12.2	Average °C		Cooler ID on COC?
	Cooler ID on COC?	Cooler ID on COC?	□ VOC trip blank received?
□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	U VOC trip blank received:
If an	y shaded areas checked, complete S	Sample Receiving Non-Conforman	ce Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N/A Yes No	
THE RESERVE TO SECURITION OF THE PERSON OF T	Custody Record(s)?	Average sample	temperature ≤6° C?
	o, COC initiated by	Completed Sam	ple Preservation Verification Form?
Rec'd for	Lab signed/date/time?	Samples preserv	red correctly?
Shipping	Document?	If "No", added o	range tag?
Other_		Received pre-pr	eserved VOC soils?
COC ID Nos.		□ MeO	H Na <sub>2</sub> SO <sub>4</sub>
90 90 90 90 90 90 90 90 90 90 90 90 90 9		Check for Short Hold-Time Prepare	Analyses
7 TriMatrix 125480		□ Bacteriological	2
125,00		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		□ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No	THE THE PARTY OF THE TOTAL PROPERTY SECTION	☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
/	O matches COC?	☐ Yellow/White-tagged 11. Ambers (S	V Prep-Lab)
Sample II	O matches COC? ate and time matches COC?	Notes PRO RIVER	V Prep-Lab)
Sample II		4	V Prep-Lab),
Sample II Containe	ate and time matches COC?	4	V Prep-Lah),
Sample II Sample d	ate and time matches COC? r type completed on COC?	4	rgenics
Sample II Containe	ate and time matches COC? r type completed on COC? iner types indicated are received?	4	rogenics
Sample di Containe  All conta  Sample Condition Summary  N/A Yes No	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix	4	V Prep-Lah),
Sample II Containe All conta Sample Condition Summary N/A Yes No Broken c	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix  containers, see Notes	Notes prop 3 inc	blank not listed on COC
Sample II Containe All conta  Sample Condition Summary  N/A Yes No Broken co Missing	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix  containers, see Notes  ontainers/lids?	Notes prop Bino	blank not listed on COC
Sample II Sample Containe All conta Sample Condition Summary N/A Yes No Broken c Missing	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix  containers, see Notes  or incomplete labels?	Notes Prop Bino  Trip blank received Trip  No COC received, Proj. Chemist received Proj. Chemist rece	blank not listed on COC viewed (init./date)
Sample II Sample Containe All conta Sample Condition Summary N/A Yes No Broken c Missing Illegible Low volu	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix  containers, see Notes  or incomplete labels?  information on labels?	Notes Prop Bino  Trip blank received Trip  No COC received, Proj. Chemist received Proj. Chemist rece	blank not listed on COC
Sample II Containe All conta Sample Condition Summary N/A Yes No Broken c Missing Illegible Low volu Inapprop	ate and time matches COC?  r type completed on COC?  iner types indicated are received?  Non-TriMatrix  containers/lids?  or incomplete labels?  information on labels?  ime received?	Notes Prop Bino  Trip blank received Trip  No COC received, Proj. Chemist received (Date/Time)  Paperwood	blank not listed on COC viewed (init./date)



October 22, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0810432	10/21/2008	WAP102108

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0810432 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP102108 Client Sample ID: APS-102108-44-SD/TS20235 Sampled: 10/21/08 10:50 Lab Sample ID: 0810432-01 Sampled By: Michael Browning 10/21/08 12:45 Matrix: Sediment Received:

Unit: mg/kg dry Prepared: 10/21/08 By: ASC Dilution Factor: 1 Analyzed: 10/22/08 By: JMK

QC Batch: 0812180 Analytical Batch: 8102214

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

		Analytical			
CAS Number	Analyte	Result	RL	MDL	
12674-11-2	PCB-1016	0.59U	0.59	0.013	
11104-28-2	PCB-1221	0.59U	0.59	0.019	
11141-16-5	PCB-1232	0.59U	0.59	0.020	
*53469-21-9	PCB-1242	0.017J	0.59	0.0095	
12672-29-6	PCB-1248	0.59U	0.59	0.025	
11097-69-1	PCB-1254	0.055J	0.59	0.014	
11096-82-5	PCB-1260	0.042J	0.59	0.010	

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	116	36-136
Tetrachloro-m-xylene	88	46-120

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810432 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP102108 Client Sample ID: APS-102108-44-SD/TS20235 Sampled: 10/21/08 10:50 Lab Sample ID: 0810432-01 Sampled By: Michael Browning Received: Matrix: Sediment 10/21/08 12:45

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	56	0.1	0.1	%	1	USEPA-3550B	10/21/08	KNC	0812191



Unit:

## **ANALYTICAL REPORT**

Client: Weston Solutions, Inc. - Illinois Work Order: 0810432 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP102108 Client Sample ID: APS-102108-44-SD-DP/TS20235 Sampled: 10/21/08 10:50 Lab Sample ID: 0810432-02 Sampled By: Matrix: Sediment Received: 10/21/08 12:45

mg/kg dry Dilution Factor: 1

QC Batch: 0812180

Michael Browning Prepared: By: ASC 10/21/08 Analyzed: 10/22/08 By: JMK

Analytical Batch: 8102214

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

		Analytical			
CAS Number	Analyte	Result	RL	MDL	
12674-11-2	PCB-1016	0.59U	0.59	0.012	
11104-28-2	PCB-1221	0.59U	0.59	0.019	
11141-16-5	PCB-1232	0.59U	0.59	0.019	
*53469-21-9	PCB-1242	0.017J	0.59	0.0094	
12672-29-6	PCB-1248	0.59U	0.59	0.025	
11097-69-1	PCB-1254	0.049J	0.59	0.014	
11096-82-5	PCB-1260	0.037J	0.59	0.010	

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	112	36-136
Tetrachloro-m-xylene	89	46-120

<sup>\*</sup>See Statement of Data Qualifications



Client: Weston Solutions, Inc. - Illinois Work Order: 0810432 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP102108 Client Sample ID: APS-102108-44-SD-DP/TS20235 Sampled: 10/21/08 10:50 Lab Sample ID: 0810432-02 Sampled By: Michael Browning Received: Matrix: Sediment 10/21/08 12:45

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	56	0.1	0.1	%	1	USEPA-3550B	10/21/08	KNC	0812191



## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0812180 3550B Sonica	ation Extraction	n/USEPA-8	3082						
Method Blank					Anal	yzed:	10/22/20	08 E	By: JMK
Unit: mg/kg wet					Anal	ytical Batch:	8102214		
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				94	36-136				
Tetrachloro-m-xylene				100	46-120				
Laboratory Control Sample					Anal	yzed:	10/22/20	08 E	By: JMK
Unit: mg/kg wet					Anal	ytical Batch:	8102214		
PCB-1248		0.167	0.174	104	67-131			0.33	0.014
Surrogates:									
Decachlorobiphenyl				98	36-136				
Tetrachloro-m-xylene				96	46-120				
Matrix Spike 0810432-01 APS-1	02108-44-SD/	TS20235			Anal	yzed:	10/22/20	08 E	By: JMK
Unit: mg/kg dry					Anal	ytical Batch:	8102214		
PCB-1248	0.59 U	0.299	0.304	102	39-140			0.59	0.025
Surrogates:									
- Decachlorobiphenyl				109	36-136				
Tetrachloro-m-xylene				91	46-120				
Matrix Spike Duplicate 081043	<b>2-01</b> APS-102	108-44-SD	/TS20235		Anal	yzed:	10/22/20	08 E	By: JMK
Unit: mg/kg dry					Anal	ytical Batch:	8102214		

0.297

99

120

87

39-140

36-136

46-120

20

0.59

0.025

0.59 U

0.299

PCB-1248

Surrogates:
Decachlorobiphenyl

Tetrachloro-m-xylene



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte: Percent S	olids/USEPA-3550B					
QC Batch: 0812191 (Gene	ral Inorganic Prep)			Analyzed: 10/21/2008	By: KNC	
Method Blank		0.1 U	%		0.1	0.1
0810432-01 [APS-10210	8-44-SD/TS20235]					
Dunlicate	56	56	%	0.8 20	0.1	0.1



## STATEMENT OF DATA QUALIFICATIONS

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: A conclusive PCB Aroclor identification is not possible due to sample matrix interference and/or

weathering of the sample. The identity of the reported aroclor is tentative.

Analysis: USEPA-8082

Sample/Analyte: 0810432-01 APS-102108-44-SD/TS20235 PCB-1242

0810432-02 APS-102108-44-SD-DP/TS20235 PCB-1242

TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com

# Chain of Custody Record COCNO. 125485

D. S. EPA / Western Solivions   Time   Allied Faper   Chicago   The Address   Chicago   The Gold   Time   Time				Sampled By (print)  Michael Browning  How Shipped? (Hand) Carrier  Sampler's Signature  Tracking No.  Tracking No.	Michael Browny 10/2/03	Check   Color   Contact Report to   Contact
--	--	--	--	--	------------------------	---

TriMatrix Laboratories, Inc.	Client II OSTANA	The second secon	Schownsi No.
	Receipt Record Page/Line No	new / add to Project Chemist Sample	0810432
Coolers Received	21-1	Il Myt	01-02
Recorded by (initials/date)	Cooler Qty Receiv	ADM TO THE RESERVE THE PARTY OF	See Additional Cooler
WC 10-21-08	Other	Thermometer Used Digital Thermon Other (#	Information Form
Cooler No. Cooler No. Cooler No.	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Yeals	Custody Seals	Custody Seals	Custody Seals
none	none	none	none
present / intact	present / intact	present / intact	present / intact
present / not intact	present / not intact	present / not intact	present / not intact
oolant Location:	Coolant Location:	Coolant Location	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Botton
oolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via	Coolant / Temperature Taken Via:
□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers	□ bagged (ce / avg 2-3 contains
□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Iternate Temperature Taken Via:	Alternate Temperature Taken Via	Alternate Temperature Taken Via:	Alternate Temperature Taken Via
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	□ 1 container	□ 1 container
Recorded °C Correction Actual °C	P. Julia Correction	Correction	Correction
Factor °C Actual °C	Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °C	Recorded °C Factor °C Actual °
	th	th .	it.
location: representative / in ice	th location representative / in ice	to location: representative / in ice	th location: representative / in ice
18 - 18	ř.	E.	1
5.6 - 7.6	2	2	2
1.7	3	3	3
Average °C 7.0	Average °C	Average °C	Average °C
□ VOC trip blank received?	Cooler ID on COC?	Cooler ID on COC?	□ Cooler ID on COC?
	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
	shaded areas checked, complete 5	Sample Receiving Non-Conformance	ce Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	44000000000000000000000000000000000000
	ustody Record(s)?	Average sample	
	COC initiated by		ole Preservation Verification Form?
Shipping Do	The state of the s	Samples preserve  If "No", added or	
Other	cunterit:		range tag? sserved VOC soils?
OC ID Nos.		□ MeOl	
125485		Check for Short Hold-Time Prep/	Construction of the Contract o
TriMatrix		□ Bacteriological	Anatyses
		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	□ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No		☐ Green-tagged Containers	RECEIVED, COCs TO LAB(S)
	natches COC?	☐ Yellow/White-tagged 1L Ambers (SV	
1 / / _	and time matches COC?	Notes	
	pe completed on COC?		
	r types indicated are received?		
ample Condition Summary	□ Non-TriMatrix		
N/A Yes No	containers, see Notes		
Broken cont			
	ncomplete labels?	Committee of the Commit	plank not listed on COC
	ormation on labels?	□ No COC received, Proj. Chemist revi	19 C 50 S (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		□ No analysis requested, Proj. Chemist	serger de conservation de la con
	e containers received? TOX containers have headspace?		Delivered (Date/Time) ≤1 Hour Goal Met?
	e locations / containers not listed on COC2	10-21-08 045 102	LAY 175A (Yes) No



November 06, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order Received Description 0811073 11/05/2008 WAP110508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0811073 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP110508 Client Sample ID: APS-110508-06-WT/W-SA5S-EffluB-0020 Sampled: 11/05/08 13:24 Lab Sample ID: 0811073-01 Sampled By: Kelly Hudson Matrix: Water Received: 11/05/08 15:27 Unit: ug/L Prepared: 11/06/08 By: ASC Dilution Factor: 1 Analyzed: 11/06/08 By: JMK

QC Batch: 0812988 Analytical Batch: 8110626

## Polychlorinated Biphenyls (PCBs) by EPA Method 608

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.20U	0.20	0.023
11104-28-2	PCB-1221	0.20U	0.20	0.081
11141-16-5	PCB-1232	0.20U	0.20	0.028
53469-21-9	PCB-1242	0.20U	0.20	0.024
12672-29-6	PCB-1248	0.20U	0.20	0.030
11097-69-1	PCB-1254	0.20U	0.20	0.023
11096-82-5	PCB-1260	0.021J	0.20	0.020

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	100	48-137
Tetrachloro-m-xylene	81	25-119



## Polychlorinated Biphenyls (PCBs) by EPA Method 608

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

OC Batch:	0812988	608	Liquid/Liquid	Extraction	/USFPA-608

Method Blank				Analy	zed:	11/06/2008	By:	JMK
Unit: ug/L				Analy	tical Batch:	8110626		
PCB-1016		0.20 U				(	0.20	0.023
PCB-1221		0.20 U				(	0.20	0.081
PCB-1232		0.20 U				(	0.20	0.028
PCB-1242		0.20 U				(	0.20	0.024
PCB-1248		0.20 U				(	0.20	0.030
PCB-1254		0.20 U				(	0.20	0.023
PCB-1260		0.20 U				(	0.20	0.020
Surrogates:								
Decachlorobiphenyl			113	48-137				
Tetrachloro-m-xylene			65	25-119				
Laboratory Control Sample				Analy	zed:	11/06/2008	Ву:	JMK
Unit: ug/L				Analy	tical Batch:	8110626		
PCB-1248	1.00	1.06	106	49-139		(	0.20	0.030
Surrogates:								
Decachlorobiphenyl			101	48-137				
Tetrachloro-m-xylene			69	25-119				
Laboratory Control Sample Duplicate				Analy	zed:	11/06/2008	By:	JMK
Unit: ug/L				Analy	tical Batch:	8110626		
PCB-1248	1.00	1.12	112	49-139	6	20	0.20	0.030
Surrogates:								
Decachlorobiphenyl			103	48-137				
Tetrachloro-m-xylene			73	25-119				



## STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

## TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

Chain of Custody Record

COCNo. 125489

5	Sampler's Signature	Sampled By (print) Kelly (Hudson) Jonas										01	Test Matrix Laboratory Sample Group Code Number	8401180.93	Laboratory Project No.	Project Chemist	10-25	VOA Rack/Tray		For Lab Use Only
L Reclinquished By Kelly Januas Daie  Kelly Jonas W5/08  1. Received by Daie	Tracking No.	AS How Shipped? (Hand) Carrier.	10	0	900	4	6	126	4	447	13	1 APS-110508-010-WT/W_SASS_EFFINB_0020	Sample ID	Fax 312-424-3330	Phone 312-424-3339	Chicago 1L bobob	20 N Wacker, Site 1210	USEPA/Weston Solutions Inc		
7me 15:27											145/08	Effinb_002	Cooler ID Sample Date	LIS	Contact/Report To	Invoice No.				
Relinquished By     Received By		Comments									08 13:24	Ь	Sample Time	-180 Graczyk	ort To	□ Client □ Other (comments)	20405.012.002.0174.00	Allied Paper Client Project No. PO. No.	JAN 10508	
y	- L	74-11									×		N A Matrix	1		mments)	00		O.	
Date Date	7	TAT											F	Contain	_1	PCB:		_	R	
Time		/											Numb	er Type (		-				+
													er of Cor	correspo						Analy
3. Received For Lah By													Number of Containers Submitted	Container Type (corresponds to Container Packing List)						Analyses Requested
Date Date												-	Total				-			
Date Time												1	Sample Comments	H Other (note below)	G MeOH	E NaOH pH>12 F ZnAc/NaOH pH>9	D 1+1 HC1 pH<2	A NONE pH-7 B HNO, pH-2	PRESERVATIVES	Page of

<b>A</b> TriMatri	X
Laboratories, I	nc.

## SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	Clien USFPQ/WAS	Project-S new / add to	O811073
Color Product	Receipt Record Page/Line No.	Project Chemist Sample 1	Nos.
Coolers Received Recorded by (initials/date)	Z Cooler Qty Receiv		
	D Box	Thermometer Used Digital Thermom	eter (#54) See Additional Cooler
LR 11/5/08	Other_	Other (#	Information Form
Cooler No. Time	Cooler No. Time	Cooler No. Time	Cooler No: Time
Custody Seals	Court Seels	0 1 1 5 1	0 - 1 0 - 1
none or none	Custody Seals	Custody Seals	Custody Seals
present / intact	present / intact	none	none none
present / not intact	present / intact	present / intact	present / intact
Coolant Location:	Coolant Location:	Coolant Location:	Coolant Location:
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
□ loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers	loose ice / avg 2-3 containers	□ loose ice / avg 2-3 containers
□ bagged ice / avg 2-3 containers	□ bagged ice / avg 2-3 containers		□ bagged ice / avg 2-3 containers
□ blue ice / avg 2-3 containers	□ blue ice / avg 2-3 containers	blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers
none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers	none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
temperature blank (tb)	temperature blank (tb)	temperature blank (tb)	temperature blank (tb)
□ 1 container	□ 1 container	□ 1 container	□ 1 container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
th blocation: representative / in ice	th location: representative / in ice	tb	tb
95 - 95	th location: representative / in ice	th location: representative / in see	th location: representative / in ice
8.5 - 85	2	2	2
39.7 - 9.7	3	3	3
Average °C C	Average °C	Average °C	Average °C
Cooler ID on COC? 9-2	Cooler ID on COC?	Cooler ID on COC?	☐ Cooler ID on COC?
☐ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?	□ VOC trip blank received?
If any	shaded areas checked, complete	Sample Receiving Non-Conformanc	e Form
Paperwork Received	□ No COC received	Check Sample Preservation	
N/A Yes No		N/A Yes No	10.150
	ustody Record(s)?	Average sample t	the state of the s
	COC initiated by	Completed Samp	le Preservation Verification Form?
Shipping Do	ab signed/date/time?	Completed Samp Samples preserve If "No", added or Received pre-pre	
Ø O Other	ocument:	If "No", added on Received pre-pre-	served VOC soils?
COC ID Nos.			I □ Na₂SO₄
		Check for Short Hold-Time Prep//	
125489	48	☐ Bacteriological	No. Company
75 / 6 /		☐ Air Bags	AFTER HOURS ONLY:
Other (name or ID#)		☐ EnCores / Methanol Pre-Preserved	COPIES OF COC TO LAB AREA(S)
Check COC for Accuracy	☐ No analysis requested	☐ Formaldehyde/Aldehyde	□ NONE RECEIVED
Yes No	1 0000	Green-tagged Containers	RECEIVED, COCs TO LAB(S)
41	matches COC?	☐ Yellow/White-tagged 1L Ambers (SV	Prep-Lab)
Container to	ype completed on COC?	Notes	
All containe	er types indicated are received?		
Sample Condition Summary	Non-TriMatrix		
N/A Yes No	containers, see Notes		
☐ ☐ Broken cont			
Missing or i	incomplete labels?	☐ Trip blank received ☐ Trip b	lank not listed on COC
D Illegible info	ormation on labels?	□ No COC received, Proj. Chemist revie	ewed (init./date)
Low volume		□ No analysis requested, Proj. Chemist of the control of the c	
	te containers received?	Cooler Received (Date/Time) Paperwork	Delivered (Date/Time) ≤1 Hour Goal Met?
	TOX containers have headspace?	11/1-1-6 1000 11/1	00 1523 (Yes) No
D Extra sample	e locations / containers not listed on COC?	11/5/08 1321 11/5/	08 1533 (18) NO



November 12, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0811204	11/11/2008	WAP111108

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Dilution Factor:

4

## **ANALYTICAL REPORT**

Client: Weston Solutions, Inc. - Illinois Work Order: 0811204 Allied Paper, Kalamazoo, 20405.016.002 Project: Description: WAP111108 Client Sample ID: APS-111108-45-SD/TS20252 Sampled: 11/11/08 13:22 Lab Sample ID: 0811204-01 Sampled By: Kelly Hudson Matrix: Sediment Received: 11/11/08 15:41 Unit: mg/kg dry Prepared: 11/11/08 By: BJH

QC Batch: 0813008 Analytical Batch: 8111249

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyzed:

By: DJM

11/12/08

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	2.0U	2.0	0.042
11104-28-2	PCB-1221	2.0U	2.0	0.065
11141-16-5	PCB-1232	2.0U	2.0	0.066
53469-21-9	PCB-1242	2.0U	2.0	0.032
12672-29-6	PCB-1248	0.87J	2.0	0.086
11097-69-1	PCB-1254	0.54J	2.0	0.047
11096-82-5	PCB-1260	2.0U	2.0	0.034

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	104	44-127
Tetrachloro-m-xylene	88	60-120



Client: Weston Solutions, Inc. - Illinois Work Order: 0811204 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP111108 Client Sample ID: APS-111108-45-SD/TS20252 Sampled: 11/11/08 13:22 Lab Sample ID: 0811204-01 Sampled By: Kelly Hudson Received: Matrix: Sediment 11/11/08 15:41

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	66	0.1	0.1	%	1	USEPA-3550B	11/12/08	KNC	0813312



## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

QC Batch: 0813008 3550B Sonication Extraction/USEPA-8082

Method Blank				Analyzed:	11/12/2008	Ву	: DJM
Unit: mg/kg wet				Analytical Batch:	8111249		
PCB-1016		0.33 U			0.	.33	0.0070
PCB-1221		0.33 U			0.	.33	0.011
PCB-1232		0.33 U			0.	.33	0.011
PCB-1242		0.33 U			0.	.33	0.0053
PCB-1248		0.33 U			0.	.33	0.014
PCB-1254		0.33 U			0.	.33	0.0078
PCB-1260		0.33 U			0.	.33	0.0056
Surrogates:							
Decachlorobiphenyl			101	44-127			
Tetrachloro-m-xylene			102	60-120			
Laboratory Control Sample				Analyzed:	11/12/2008	Ву	: DJM
Unit: mg/kg wet				Analytical Batch:	8111249		
PCB-1248	0.167	0.185	111	67-131	0.	.33	0.014
Surrogates:							
Decachlorobiphenyl			102	44-127			
Tetrachloro-m-xylene			103	60-120			



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte: Percent S	Solids/USEPA-3550B					
Allalyte. Percent .	301103/03EFA-3330B					
QC Batch: 0813312 (Gene	eral Inorganic Prep)			Analyzed: 11/12/2008	By: KNC	
Method Blank		0.1 U	%		0.1	0.1
0811204-01 [APS-11110	08-45-SD/TS20252]					
Duplicate	66	66	%	0.5 20	0.1	0.1



## STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463

# Chain of Custody Record

COC No. 125490

Sampler's Signature
Kull Joseph Company OSIIZOY Sampled By (print)
Kelly (Kudson) Jonas Western Solutions of Test Matrix Laboratory Sample Group Code Number VOA Rack/Tray Michigan, Inc For Lab Use Only 0 8 20 N Wacker, Suite 1210 ć AB-111108-45-50/156252 Chilly 11-USEPA/WestonSolutions Inc 312-424-3330 How Shipped? (Hand) Carrier L. Relinquished By Tracking No. Kelly Jonas Killy Jonas Villos Sample ID www.trimatrixlabs.com Contact/Report To Client Project No./P.O. No. Project Name Invoice No: 15:4 20405.012.002.0174.00 Allied Paper 141/08 1322 Sample Date Lisa Graceyk Sample Time comments Other (comments) O Client ~KO m>==c 24-Ar TAT Matrix 404 50 PCBs Container Type (corresponds to Container Packing List) Date Date P Number of Containers Submitted Time Analyses Requested 3. Relinquished By Date 1001 H Other (note below) C H2SO4PH<2 B HNO, pH-2 A NONE pH~7 D 1+1 HC1 pH<2 Page of Sample Comments G McOH F ZnAc/NaOH pH:-9 E NaOHpH>12 1 PRESERVATIVES Time

<b>A</b> 7	[riM	<b>Iatrix</b>
To a large	aborat	ories, Inc.

## SAMPLE RECEIVING / LOG-IN CHECKLIST

Laboratories, Inc.	USEPH/ West	on Solution Sew / add to	08/1204
Coolers Received	19-1	Preject Chemist Sample	Nos. (O)
Recorded by (initials/date)	Cooler Qty Receiv	ed R Gun (#202)	
LR 11/11/08	Box Other	Thermometer Used Digital Thermom Other (#	neter (#54) See Additional Cooler Information Form
Cooler No. Time 1545	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant/Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers	Custody Seals none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers	Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 container
none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) 1 container	none / avg 2-3 containers  Alternate Temperature Taken Via:  temperature blank (tb)  1 container	blue ice / avg 2-3 containers none / avg 2-3 containers  Alternate Temperature Taken Via: temperature blank (tb) l container	blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via: temperature blank (tb) l container
Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C	Recorded °C Correction Factor °C Actual °C
th location: representative / in see	tb location: representative / in ice	th location representative / In see	th location: representative / in ice
Average °C 8.2  Cooler ID on COC? 8.2  VOC trip blank received?	Average °C Cooler ID on COC? VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?
If any	shaded areas checked, complete S	ample Receiving Non-Conformance	- 900 C.
Paperwork Received  N/A Yes No Chain of Co If No., Rec'd for La Shipping Do Other	□ No COC received  ustody Record(s)?  COC initiated by b signed/date/time?	Check Sample Preservation  N/A Yes No Average sample to Completed Samp  Samples preserve  If "No", added on	emperature ≤6° C? le Preservation Verification Form? d correctly?
TriMatrix /25490		Check for Short Hold-Time Prep/A	I □ Na <sub>2</sub> SO <sub>4</sub>
Other (name or ID#) Check COC for Accuracy	□ No analysis requested	☐ Air Bags ☐ EnCores / Methanol Pre-Preserved ☐ Formaldehyde/Aldehyde	AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)  NONE RECEIVED
Sample date Container ty	natches COC?	Green-tagged Containers Vellow/White-tagged 1L Ambers (SV) Notes  24 W. 71	Prep-Lab)
Sample Condition Summary  N/A Yes No  Broken conta	Non-TriMatrix containers, see Notes ainers/lids?	e 6 195	ac 75
Illegible info	US SOUTH TO	<ul> <li>□ No COC received, Proj. Chemist revie</li> <li>□ No analysis requested, Proj. Chemist c</li> </ul>	completed (init./date)
VOC vials /	e containers received? TOX containers have headspace? clocations / containers not listed on COC?		Delivered (Date/Time) Sylvour Goal Mer?  18 1547 (Yes No



December 19, 2008

Weston Solutions, Inc. - Illinois Attn: Ms. Lisa Graczyk/Dynamac 20 North Wacker Drive, Suite 1210 Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0812339	12/18/2008	WAP121708

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey Project Chemist

Enclosures(s)



Client: Weston Solutions, Inc. - Illinois Work Order: 0812339 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP121708 Client Sample ID: APS-121708-46-SD/TS20257 Sampled: 12/17/08 17:25 Lab Sample ID: 0812339-01 Sampled By: **Kelly Jonas** Matrix: Sediment Received: 12/18/08 11:00

 Matrix:
 Sediment
 Received:
 12/18/08 11:00

 Unit:
 mg/kg dry
 Prepared:
 12/18/08 By: DCG

 Dilution Factor:
 1
 Analyzed:
 12/18/08 By: JMK

QC Batch: 0814577 Analytical Batch: 8121865

## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

		Analytical		
CAS Number	Analyte	Result	RL	MDL
12674-11-2	PCB-1016	0.65U	0.65	0.014
11104-28-2	PCB-1221	0.65U	0.65	0.021
11141-16-5	PCB-1232	0.65U	0.65	0.022
53469-21-9	PCB-1242	0.65U	0.65	0.010
12672-29-6	PCB-1248	0.65U	0.65	0.028
11097-69-1	PCB-1254	0.65U	0.65	0.015
11096-82-5	PCB-1260	0.65U	0.65	0.011

Surrogates:	% Recovery	Control Limits
Decachlorobiphenyl	99	44-127
Tetrachloro-m-xylene	107	60-120



Client: Weston Solutions, Inc. - Illinois Work Order: 0812339 Project: Allied Paper, Kalamazoo, 20405.016.002 Description: WAP121708 Client Sample ID: APS-121708-46-SD/TS20257 Sampled: 12/17/08 17:25 Lab Sample ID: 0812339-01 Sampled By: Kelly Jonas Received: 12/18/08 11:00 Matrix: Sediment

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	Ву	QC Batch
Percent Solids	51	0.1	0.1	%	1	USEPA-3550B	12/18/08	KNC	0814747



## Polychlorinated Biphenyls (PCBs) by EPA Method 8082

	Sample	Spike		Spike	Control		RPD		
Analyte	Conc.	Qty.	Result	% Rec.	Limits	RPD	Limits	RL	MDL

QC Batch: 0814577 3550B Sonication Extraction/USEPA-8082

Method Blank				Analyzed:	12/18/2008	By: JMK
Unit: mg/kg wet				Analytical Batch:	8121865	
PCB-1016		0.33 U			0.3	3 0.0070
PCB-1221		0.33 U			0.3	3 0.011
PCB-1232		0.33 U			0.3	3 0.011
PCB-1242		0.33 U			0.3	0.0053
PCB-1248		0.33 U			0.3	0.014
PCB-1254		0.33 U			0.3	3 0.0078
PCB-1260		0.33 U			0.3	0.0056
Surrogates:						
Decachlorobiphenyl			103	44-127		
Tetrachloro-m-xylene			104	60-120		
Laboratory Control Sample				Analyzed:	12/18/2008	By: JMK
Unit: mg/kg wet				Analytical Batch:	8121865	
PCB-1254	0.167	0.163	98	73-125	0.3	3 0.0078
Surrogates:						
Decachlorobiphenyl			108	44-127		
Tetrachloro-m-xylene			103	60-120		



	Sample	Spike			Spike	Control		RPD		
QC Type	Conc.	Qty.	Result	Unit	% Rec.	Limits	RPD	Limits	RL	MDL

Analyte: Percent S	Solids/USEPA-3550B					
QC Batch: 0814747 (Gene	eral Inorganic Prep)			Analyzed: 12/18/2008	B By: KNC	
Method Blank		0.1 U	%		0.1	0.1
0812339-01 [APS-12170	08-46-SD/TS20257]					
Duplicate	51	51	%	0.1 20	0.1	0.1



## STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

## TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512 Phone (616) 975-4500 Fax (616) 942-7463 www.trimatrixlabs.com

# Chain of Custody Record

COCNo. 125494

Og No.  Og No.  Og No.  Og No.  Og No.  Og No.  Address  Lonicago  Linicago  Phone 3 12 - 424 - 3330  Fax 312 - 424 - 3330  Sample Donas  In APS - 1217 08 - 46-55/T  APS - 1217 08 - 46-55/T  Mone Supplature  Number  Number  Number  Reimquished By Killy Jonas	Date Time	3 Received For Lab By Date Time	Time	Date		2. Received By		Time		michigan
Content Name			Time	Date		linquished By		=		Wester Solutions of
Commonts			(	-	1	(x			Tracking No.	Sampler's Signature Kelly Jonas
Client Name			7	_ 0	-	1	Con		Hand	Sampled By (print) Kelly Jones
Clean Name										10
Client Name										9
Client Name										00
Client Name  A MSERA   Weston Subthons   Project Name  A     A     A     A     A   A   A   A										7
Client Name  USERA   Weston Solutions  A     A     Rapex  Client Project No.PO. No. O'Client  Livoice No. O'Client  Discrete Project No.PO. No. O'Client  E   Container Type (corresponds to Container Packing List)  F   Ray 3  A   Rapex  Container Type (corresponds to Container Packing List)  A   Rapex  Container Type (corresponds to Container Packing List)  House  C   A     Rapex  C   Client Project No.PO. No. O'Client  E   Rapex  Container Type (corresponds to Container Packing List)  House  C   A     A     Rapex  C   Client Project No.PO. No. O'Client  F   Container Type (corresponds to Container Packing List)  House  C   Container Type (corresponds to Container Packing List)  F   Container Subbuilted  F   Rapex  Number of Container Subbuilted  I Rapex										•
Client Name  VSERA   Western Solutions   Project Name  A										*
Client Name  WSERA   Western Solutions   All   ed Rafes   Address   Aldress   All   ed Rafes   Address   Allred   Rafes   Allred   Rafes   Address   Allred   Rafes   Allred   Rafes   Address   Allred   Rafes   Allred   Rafes   Allred   Rafes   Allred   Rafes   Address   Allred   Rafes   Allr										4
Client Name  USERA   Weston Solutions  A     1 ed   Raper  A Address  20   Wacker, Suite 1210   2040S.612.002.0174.00   20  Liva   0.2010   1.000   1.										(na
Client Name  USERA   Weston Solutions   Allied Raper  Address   Allied Raper  Address   Allied Raper  Address   Allied Raper  Client Project No., PO. No., 20405. 612.002.0174.00   D  Invoice No. Client Comments   D  Chick go   L  Phone 3 12.424-3339   Contact/Report To  Phone 3 12.424-3339   Contact/Report To  Lisa 6 rac 2 y k   Container Type (corresponds to Container Packing List)   H  Sample   Sample   O R Matrix   H  Cooler ID   Sample   Sample   O R Matrix   H  Number of Container Submitted   Total   Sample   O R Matrix   H  Number of Container Submitted   I 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										2
Client Name  USERA   Weston Solutions   All all Rapex  Address  A   Lad Rapex  Client Project No.PO.No.  120 N Wacker, Surta 1210   120 NO.EO.No.  Client Project No.PO.No.  120 N Wacker, Surta 1210   120 NO.EO.No.  Client Project No.PO.No.  Client Project Name  A   Lad Rapex  Client Project No.PO.No.  Client Project Name  A   Client Project No.PO.No.  Contact Report To  Fax 312 - 424 - 3330   Contact Report To  Lisa & Cacz y K  Container Type (corresponds to Container Packing List)   H  Number of Container Submitted  Taul So				-	જ	-		1201	4P5-121708-46-50/T520257	-011
Client Name  USERA   Weston Solutions  A     A   Rec  A   Address  A     A   Rec  Client Project No./P.O. No.  Client Name  A     A   Rec  Client Name  Client Name  A     A   Rec  Client Name  Client Name  A     A   Rec  Container Type (corresponds to Container Packing List)  H  A   Client Name  Client Name  A     A   Rec  Container Type (corresponds to Container Packing List)  H  Container Type (corresponds to Container Packing List)			Number of 6	404				Cooler ID	Sample ID	Code
Address Address All ad Phone 2.7. 274 Contact/Report To Contact/Re	H Other (n	ponds to Container Packing List)	amer Type (corres	Cont	9	ACZYK	L189 65	Contraction	200	200
20 N Wacker, Suite 1210 20405.0174.00				PCB.	ents)	Other (comm	Ce No.		Chicago 11_	
USERA) Weston solutions Project Name Allied Refer				s	00	0. No.	1 Project No./P.		20 N Wacker, Suite	1×6
	A NONE B HNO,				J. F	aper	All d ?		ISEPA / Weston solutions	

TriMatrix Laboratories, Inc.	Client	ECEIVING / LOG-II	12339
Recorded by (initials/date)  KZ 12-18-08	Cooler Oty Receive	ed IR Gun (#202) Thermometer Used Digital Thermom	See Additional Cooler Information Form
Cooler No. Time  // Custody Seals  none  present / intact  present / not intact  Coolant Location:  Dispersed / Top / Middle / Bottom  Coolant Tomperature Taken Via:  loose ice / avg 2-3 containers  bagged ice / avg 2-3 containers  blue ice / avg 2-3 containers  none / avg 2-3 containers  Alternate Temperature Taken Via:	Cooler No. Time  Custody Seals  none present / intact present / not intact  Coolant Location: Dispersed / Top / Middle / Bottom  Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers  Alternate Temperature Taken Via:	Custody Seals  none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via:	Custody Seals  none present / intact present / not intact Coolant Location: Dispersed / Top / Middle / Bottom Coolant / Temperature Taken Via: loose ice / avg 2-3 containers bagged ice / avg 2-3 containers blue ice / avg 2-3 containers none / avg 2-3 containers Alternate Temperature Taken Via:
temperature blank (tb) 1 container  Recorded °C Correction Factor °C Actual °C tb  th location representative / in ice	temperature blank (tb)  1 container  Recorded °C   Correction   Factor °C   Actual °C    to   tb   location: representative / in ice	temperature blank (tb) 1 container  Recorded °C Correction Factor °C  tb tb location. representative / in ice	temperature blank (tb) l container  Recorded °C Correction Factor °C Actual °C tb  tb location: representative / in ice
Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?	Average °C  Cooler ID on COC?  VOC trip blank received?
Paperwork Received  N/A Yes No  Chain of Co  If No.	ustody Record(s)?  COC initiated by b signed/date/time?  ocument?	Check Sample Preservation  N/A Yes No  Average sample to	emperature ≤6° C? e Preservation Verification Form? d correctly? unge tag? erved VOC soils? □ Na <sub>2</sub> SO <sub>4</sub>

Paperwork	Receiv	ed	□ No COC receive	d Check	Sample	Preservation	on		
N/A	Yes 🗷	No Chain of Custo	ody Record(s)? OC initiated by	N/A	Yes	No Averag	ge sample te	mperature ≤6° C? e Preservation Verif	fication Form?
8	0 0	Rec'd for Lab si Shipping Docus Other	igned/date/time? ment?	0 0	000	Sample If "No"	es preserved ", added ora	correctly?	TOTAL STATE
COC ID Nos.		100			10,000		□ MeOH	□ Na <sub>2</sub> SO <sub>4</sub>	
TriMatrix Other (nam				□ Ba	eteriologio Bags	t Hold-Tim	1. 24	R. TAT	OURS ONLY: C TO LAB AREA(S)
	Yes 12	No Sample ID mate	□ No analysis requ	ested	maldehyd en-tagged	le/Aldehyde d Containers e-tagged 1L Ar		NONE RECEIVED,	
1		Container type of	d time matches COC? completed on COC? pes indicated are received?	Notes					
Sample Con N/A	dition :	No Broken containe	Non-TriMatrix containers, see N	otes					
		Missing or incom	ation on labels? seived?	□ No	analysis r	eived, Proj. Che equested, Proj.	emist review	nk not listed on CO ved (init./date) mpleted (init./date)	С
0/		□ VOC vials / TO	ntainers received?  X containers have headspace? eations / containers not listed on	SEAN DESIGNATION OF	ceived (D	ICOO	3800000	elivered (Date/Time)	≤1 Hour Goal Met? Yes / No